



Chemicals and reagents

Presentation



Dear Customer,

We present our new catalogue of reagents and chemicals which we hope will become a useful tool in your daily work and help you optimize the budget for reagents in your laboratory. You will find here all Scharlau brand products manufactured by our chemical division, as well as containers and a selection of laboratory consumables.

With over 60 years experience in the manufacture of laboratory reagents, available in this catalogue is a wide range of products and products of different grades.

Among the new products available, the following deserve special mention, Karl Fischer reagents for coulometric analysis of water, solvents for GC Head Space, standards for ion chromatography and concentrated acids in glass bottles with a latex film to provide optimum safety in case of breakage.

In addition to catalogue products we offer our customers made-to-order mixtures or reagents manufactured in our production plant in Sentmenat, Barcelona.

Recent legislation REACH, GHS and CLP significantly change the way of classifying dangerous substances and are a move towards global classification. This catalogue uses the new classification system for both mixtures and substances on the basis of information available at the time of publication. Some classifications may change in the coming months due to toxicological information submitted to REACH.

Our customers will find on our website www.scharlab.com, data sheets for all products with full specifications and safety data which are constantly updated. They can also download certificates of analysis and Safety Data Sheets.

If this is your first dealing with our company and our products, reagents and chemicals, we welcome any feedback through our email address pq@scharlab.com. The opinion of our customers is invaluable and helps us to both improve our existing products and in new product development.

Scharlab S.L.

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Scharlab. The Lab Sourcing Group



Scharlab belongs to the Scharlau Science Group "The Lab Sourcing Group". All the companies in the group dedicate their activities to the manufacture and domestic and international marketing of products for the laboratory sector and have a common policy with regard to quality and outstanding service.

Scharlab SL merged with Scharlau Chemie SA in October 2008. Thus, Scharlab alongside its distribution activity, added the manufacture of chemicals and culture media for microbiology from the Scharlau brand. This purely administrative change did not affect the development of production activities which continue to be carried out in the same facilities and under the same conditions.

Scharlab's modern offices are located next their logistics department in Sentmenat, a small town situated 25 km outside Barcelona. This proximity allows streamlining of the flow of information minimising the time between receipt of an order and the dispatching of goods.

› Headquarters

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Our dealers and distributors are near you in over 70 countries worldwide. On our site www.scharlab.com you can find your nearest contact.

We care about the quality of our products and we care for the environment

Our commitment to quality has been very important in maintaining the trust of our customers. Since the beginning of the Scharlau brand in 1970, our main goal in manufacturing has been the attainment of high purity chemicals, suitable for analytical work in the laboratory. To achieve this, we have always carried out strict internal quality standards, which meant we were the first to achieve the ISO 9001 accreditation: 2000 in Spain.

Scharlab's current ISO 9001: 2008 certification ensures that it has established and carries out a "Quality Management System" in the areas of chemical production and production of culture media for microbiology, but also in marketing and distribution of laboratory equipment.

- › **We select the best raw materials**
- › **We carry out a comprehensive control of our products**
- › **We choose the most appropriate containers and packaging for each product**
- › **We frequently update the content of our labels and specifications adapting them to new regulations**

Scharlab has established and applies an Environmental Management System in the manufacture of their chemicals and culture media for microbiology in accordance with ISO 14001: 2004.

The location of our production facility in a rural environment has taught us to have a special respect for the environment. We know that many of our clients share this outlook and we work with them, helping them achieve their targets for reduction of waste. These are two of our contributions:

- › **Biodegradable packaging**
- › **We provide a service for solvents in returnable containers**



Product selection guide

Scharlau offers the appropriate quality for each application. Depending on the technique used in the sample analysis, analytical interferences are different and often require a specific reagent for the best result.

Scharlau has the product you need in each case. The following shows the various quality grades used on this list grouped by categories.

> Inorganic trace analysis

- > **Trace metals (ppb) analysis grade.** Ultra-pure acids used in the analysis of trace metals by AA or ICP.
- > **Low in mercury.** Ultra-pure acids for the analysis of mercury.
- > **AA grade.** Calibration standards for atomic absorption spectroscopy (AAS).
- > **ICP grade.** Calibration Standards for Plasma Emission Spectroscopy (ICP).

> Basic Analyses

- > **Multisolvant®.** Universal analytical grade solvents exclusively from Scharlau. Compliant with ACS. Application in isocratic HPLC, spectroscopy, Karl Fisher titration, solvent drying...
- > **Reagent grade and analytical grade.** This is the standard grade in the laboratory. Most comply with ACS.
- > **Extra pure.** Specifications less stringent than the "reagent grade". Most comply with the European or American Pharmacopoeias monograph specifications.

> Chromatography and spectroscopy

- > **LC-MS.** Solvents, additives and mixtures used as eluents in LC-MS.
- > **HPLC.** Solvents, ion pair reagents and reagents used as eluents in HPLC.
- > **GC residue analysis.** Solvents used in the preparation of plant specimens in the analysis of pesticides.
- > **GC ultratrace analysis.** Solvents used in the analysis of trace organics in environmental samples.
- > **GC Headspace.** Solvents used in the analysis of residual solvents.
- > **Adsorbents.** Solids used as the stationary phase in column chromatography.
- > **Spectrosol®.** Solvents for spectroscopy, UV / VIS.



Product selection guide

Life science

- › **Molecular biology grade.** Reagents and solutions free of DNase, RNase and proteases.
- › **DNA synthesis reagent grade.** Solvents used in DNA synthesis.
- › **Peptide synthesis reagent grade.** Solvents used in peptide synthesis.
- › **For microscopy.** Dyes and indicators used in microscopy.

Measurement of pH and conductivity

- › **pH Buffers.** Solutions for the calibration of pH meters.
- › **MONOBUF.** Unit dose solutions for calibrating pH meters.
- › **Conductivity Standards.** Solutions for Conductivity Calibration.

Organic synthesis

- › **Synthesis grade.** Solvents and reagents used in organic synthesis. The grade is a degree less than reagent grade or extra pure.
- › **For NMR.** Deuterated solvents used in nuclear magnetic resonance spectroscopy (NMR).
- › **Anhydrous.** Solvents and reagents with very low water content.
- › **Anhydrous.** Solvents with sieves with very low water content provided with drying screens inside the jars.

Titration

- › **Volumetric solutions.** Solutions of precise concentrations used in volumetric analysis.
- › **Concentrated volumetric solution.** Used for the preparation of titration solutions.
- › **Titrasure®.** Secondary standards for volumetric analysis.
- › **Aquagent®.** Reagents without pyridine for the analysis of water by volumetric or by coulometric Karl Fischer titration.
- › **For titration according to ASTM.** Reagents and mixtures used in the analysis of petroleum products per ASTM.
- › **Indicators.** Reagents and solutions used as visual indicators in volumetric analysis.

As an extension to the information in this listing we advise you to consult the end of this list the index of products by category. We have brochures specific to each product category. They are available for download on our website www.scharlab.com. If you prefer, you can request these along with your order.



MultiSolvent®
CAT-00MS06



Histology
CAT-HIST06



Aquagent®
CAT-AQEN06



Standard buffer solutions
CAT-BUFES6



Volumetric solutions
CAT-SOLV07



HPLC
CAT-HPLC06



LC-MS
CAT-LCMS06



Anhydrous solvents
CAT-ANHYE8



GC Head Space
CAT-GCHSE8



HDPE bottles
CAT-HDPE09



Molecular biology reagents
CAT-MOLE10

Customised Products

We are specialists in the manufacture of reagents and laboratory chemicals. We invite you to allow us to do what we do best handing over the preparation of many solutions and mixtures carried out at present in your laboratory to us.

- › **Avoid handling large volumes of hazardous substances**
- › **Save time in preparing reagents**
- › **Results guaranteed by the certificate of analysis supplied by us as a manufacturer**
- › **No need for printing labels for product identification**

If you are currently preparing reagents in quantities exceeding 200 litres per year, please contact us. We will evaluate your proposal without any commitment.

An application form for a new custom-made product can be downloaded from our website www.scharlab.com. Just fill it and send it by mail to pg@scharlab.com.

We ask that you provide data on the composition of the reagent, type of packaging and volume required, to make a more accurate assessment.

- › **The flexibility of our manufacturing facility located in Sentmenat (Barcelona) allows us to manufacture customized products.**

Scharlab		Scharlau	
Solicitud de producto nuevo / New product request Form			
Persona que solicita el producto Person who requests the product	Fecha Date	Empresa Company	
Nombre producto / Description of the product			
Referencia de la competencia Competitor's equivalent cat. n°		Consumo anual, envases, etc. Annual consumption and capacity	
Composición, materias primas, normativa, métodos de análisis, etc. Composition, raw materials, regulations, method of analysis, etc.			
Aplicaciones / Applications			
Observaciones / Comments			
Scharlab uso interno / Internal use only			
Referencia propuesta		Ejemplar	
Aceptado por, Producto		Fecha aceptado	



Safety: CLP (Classification and packaging of substances and mixtures)

The European Union has adopted the GHS (Globally Harmonized System of Classification and Labelling of Chemicals) by means of a new regulation (EC) no. 1272/2008, also called the CLP, which came into force the 20 of January 2009 in all the member states.

The goal is to unify the different criteria for classification of dangerous substances that coexist in the world.

The CLP will replace the present system of classification and labelling defined by the directives 67/548/EEC (DSD) and 1999/45/EC (DPD) for substances and mixtures respectively. These directives will become invalid on the 1 of June 2015.

There are two important dates to be noted with respect to implementation of the CLP:

► **1 December 2010.** From this date it is obligatory to classify and to label all substances according to the CLP. Warehoused substances labelled according to DSD must be labelled according to the CLP within two years of this date.

► **1 June 2015.** From this date it is obligatory to classify and to label all mixtures according to the CLP. Warehoused mixtures labelled according to DPD must be labelled according to the CLP within two years of this date.

Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 onwards
CLP timeline			Classified, labelled and packaged under DSD. If CLP is applied in full as well, no DSD labelling and packaging		Classified under both DSD and CLP; labelled and packaged under CLP								
Mixtures			Classified, labelled and packaged under DPD. If CLP is applied in full as well, no DPD labelling and packaging										

CLP entry into force; repeal of Annex I to DSD

20 January 2009

Obligation to apply CLP to substances

1 December 2010

Obligation to apply CLP to mixtures

1 June 2015

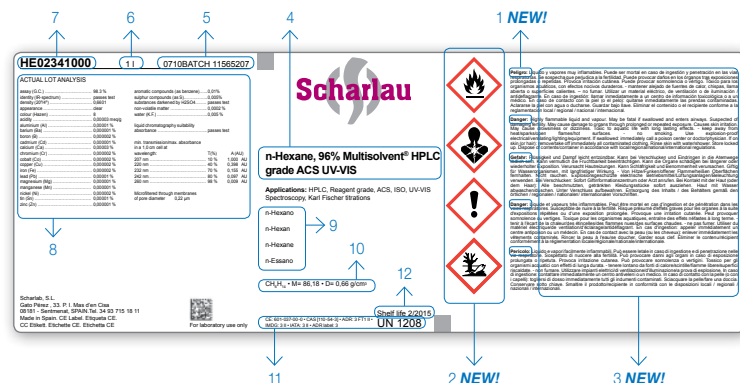
Scharlau has implemented the new CLP classification system for all substances and mixtures manufactured under Scharlau brand, chemicals and microbiological culture media, product range. In addition, all Scharlau chemicals manufactured from

May 2010 onwards are labelled according to the CLP. New Scharlau labels incorporate the new pictograms, signal words as well as hazardous (H) and precautionary (P) statements.

New label

Without exception all our products have printed on their labels, the lot number and expiry date.

Our printed product labels incorporate both the lot number and expiry date, which previously only appeared on the barcode label. Thus, all information is visible to the user.



- 1 **NEW!** Signal word
- 2 **NEW!** Pictograms
- 3 **NEW!** H & P statements
- 4 English product name
- 5 Batch no.
- 6 Container capacity
- 7 Product code
- 8 Specification
- 9 French, German, Spanish & Italian name
- 10 Formula, MW and density
- 11 Transport information
- 12 Shelf life

Safety: CLP (Classification labelling and packaging of substances and mixtures)

New SDS (Safety Data Sheet) contents are also affected by both REACH and CLP. The new Regulation (EC) no. 453/2010 modifies CE 1907/2006 (REACH) and becomes the guideline for the issuing of SDS according to the CLP. The main changes are introduced in the identification of substances and their uses, classification, and elements in the label, composition and toxicological information.

Two important dates for the implementation of Regulation (EC) 453/2010 are:

- **1 December 2010.** Annex II of REACH is substituted by Annex I of (EC) 453/2010
- **15 June 2015.** Annex II of REACH is substituted by Annex II of (EC) 453/2010

Scharlab is in the process of updating MSDS for products manufactured under Scharlau brand making them compliant with new regulations. SDS for all substances are now available through our website www.scharlab.com. Before the end of 2010 we will also have available the new MSDS for mixtures.



- **New SDS for all substances are now available through www.scharlab.com**

Classification of substances

The EU has aligned the CLP hazard classes with those from the UN GHS (Globally Harmonised System) closely matching the DSD categories of danger. Hazard classes are broken down further into hazard categories. The total number of hazard classes has increased.

TABLE 5.1: CLP HAZARD CLASSES AND CATEGORIES

Physical hazards	Health hazards
Explosives (Unstable explosives, Divisions 1.1, 1.2, 1.3, 1.4, 1.5, and 1.6) ^D Flammable gases (Category 1 and 2) ^D Flammable aerosols (Category 1 and 2) ^D Oxidising gases (Category 1) ^D Gases under pressure (Compressed gas, liquefied gas, refrigerated liquefied gas, dissolved gas) Flammable Liquids (Category 1, 2 and 3) ^D Flammable solids (Category 1 and 2) ^D Self-reactive substances and mixtures (Type A, B, C, D, E, F, & G) (Types A and B) ^D Pyrophoric liquids (Category 1) ^D Pyrophoric solids (Category 1) ^D Self-heating substances and mixtures (Category 1 and 2) Substances and mixtures which in contact with water emit flammable gases (Category 1, 2 and 3) ^D Oxidising liquids (Category 1, 2 and 3) (Cat 1 and 2) ^D Oxidising solids (Category 1, 2 and 3) (Cat 1 and 2) ^D Organic peroxides, (Type A, B, C, D, E, F & G) (Types A to F) ^D Corrosive to metals (Category 1)	Acute toxicity, (Category 1, 2, 3 and 4) ^D Skin corrosion/irritation, (Category 1A, 1B, 1C and 2) ^D Serious eye damage/eye irritation, (Category 1 and 2) ^D Respiratory or skin sensitisation (Category 1) ^D Germ cell mutagenicity, (Category 1A, 1B and 2) ^D Carcinogenicity, (Category 1A, 1B and 2) ^D Reproductive toxicity (Category 1A, 1B and 2) ^D plus additional category for effects on or via lactation Specific target organ toxicity (STOT) – single exposure ((Category 1, 2) ^D and Category 3 for narcotic effects and respiratory tract irritation, only) Specific target organ toxicity (STOT) – repeated exposure (Category 1 and 2) ^D Aspiration hazard (Category 1) ^D
	Environmental hazards
	Hazardous to the aquatic environment (Acute Category 1, Chronic Category 1, 2, 3, and 4) ^D Hazardous to the ozone layer ^D

^D CLP hazard classifications (whole hazard class or the highlighted categories) which reflect –“classified as dangerous” under DSD/DPD.

Safety: CLP (Classification labelling and packaging of substances and mixtures)

Hazard pictograms are related to hazard classes:

Physical hazards


Explosives


Flammable liquids


Oxidizing liquids


Compressed gases


Corrosive to metals

Health hazards


Acute toxicity


Skin corrosion


Skin irritation


CMR ¹⁾, STOT ²⁾
Aspiration hazard

Environment hazards


Hazardous to the aquatic environment

1) carcinogenic, mutagenic, toxic to reproduction / 2) specific target organ toxicity

According to the CLP, risk (R) and safety (S) phrases are replaced by hazard (H) and precautionary (P) statements respectively. The H and P statements are codified using a unique code which consists of one letter and 3 numbers as follows:

- › **The letter H or P** (some hazard statements carried through from DSD and DPD which are not yet included in the GHS are codified according to the EUH).
- › **A digit designating the type of hazard** (i.e. 2 for physical hazard).
- › **Two digits corresponding to the sequential numbering of hazards** (i.e. flammability codes from 220 to 230).

CODE RANGES FOR HAZARD AND PRECAUTIONARY STATEMENTS

H statements	P statements
200 – 299 Physical hazards	1 00 General
300 – 399 Health hazards	2 00 Prevention
400 – 499 Environmental hazard	3 00 Response
	4 00 Storage
	5 00 Disposal

Safety: Hazard and precaution statements

H: Hazard statements

Hazard statements for physical hazards

H200	Unstable explosives.
H201	Explosive; mass explosion hazard.
H202	Explosive, severe projection hazard.
H203	Explosive; fire, blast or projection hazard.
H204	Fire or projection hazard.
H205	May mass explode in fire.
H220	Extremely flammable gas.
H221	Flammable gas.
H222	Extremely flammable aerosol.
H223	Flammable aerosol.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H228	Flammable solid.
H240	Heating may cause an explosion.
H241	Heating may cause a fire or explosion.
H242	Heating may cause a fire.
H250	Catches fire spontaneously if exposed to air.
H251	Self-heating; may catch fire.
H252	Self-heating in large quantities; may catch fire.
H260	In contact with water releases flammable gases which may ignite spontaneously.
H261	In contact with water releases flammable gases.
H270	May cause or intensify fire; oxidiser.
H271	May cause fire or explosion; strong oxidiser.
H272	May intensify fire; oxidiser.
H280	Contains gas under pressure; may explode if heated.
H281	Contains refrigerated gas; may cause cryogenic burns or injury.
H290	May be corrosive to metals.

Hazard statements for health hazards

H300	Fatal if swallowed.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H305	May be harmful if swallowed and enters airways.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H333	May be harmful if inhaled.

Hazard statements for health hazards (continue)

H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H350i	May cause cancer by inhalation.
H351	Suspected of causing cancer.
H360	May damage fertility or the unborn child.
H360D	May damage the unborn child.
H360Df	May damage the unborn child. Suspected of damaging fertility.
H360F	May damage fertility.
H360FD	May damage fertility. May damage the unborn child.
H360Fd	May damage fertility. Suspected of damaging the unborn child.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H362	May cause harm to breast-fed children.
H370	Causes damage to organs.
H371	May cause damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

Hazard statements for environmental hazards

H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

P: Precautionary statements

Precautionary statements – General

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.

Precautionary statements – Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P210a	Keep away from heat. - No smoking.
P210b	Keep away from sparks. - No smoking.
P210c	Keep away from open flames. - No smoking.

Safety: Hazard and precaution statements

Precautionary statements – Prevention (continue)

P210d	Keep away from hot surfaces. - No smoking.
P211	Do not spray on an open flame or other ignition source.
P220	Keep/Store away from clothing/combustible materials.
P220a	Keep away from clothing.
P220b	Keep away from combustible materials.
P220c	Keep away from reducing agents, heavy metal compounds, acids and alkalis.
P220d	Keep away from oxidising and acidic substances, as well as heavy metal compounds.
P220e	Keep away from iron.
P220f	Keep away from water.
P220g	Keep away from acids.
P220h	Keep away from alkaline solutions.
P220i	Keep away from metals.
P220j	Keep away from oxidising agents and acidic substances.
P220k	Keep away from flammable organic substances.
P220l	Keep away from acids, reducing agents and flammable materials.
P221	Take any precaution to avoid mixing with combustibles.
P222	Do not allow contact with air.
P223	Keep away from any possible contact with water, because of violent reaction and possible flash fire.
P230	Keep wetted with...
P230a	Keep wetted.
P231	Handle under inert gas.
P232	Protect from moisture.
P233	Keep container tightly closed.
P234	Keep only in original container.
P235	Keep cool.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P244	Keep reduction valves free from grease and oil.
P250	Do not subject to grinding/shock/friction.
P251	Pressurized container: Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P263	Avoid contact during pregnancy/while nursing.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P280a	Wear protective gloves and eye/face protection.
P280b	Wear protective gloves and eye protection.
P280c	Wear protective gloves and face protection.
P280d	Wear protective clothing and eye protection.
P280e	Wear protective clothing and face protection.
P280f	Wear protective clothing.
P280g	Wear protective gloves.

Precautionary statements – Prevention (continue)

P280h	Wear protective gloves/clothing.
P280i	Wear eye/face protection.
P280j	Wear face protection.
P281	Use personal protective equipment as required.
P282	Wear cold insulating gloves/face shield/eye protection.
P283	Wear fire/flammable resistant/retardant clothing.
P284	Wear respiratory protection.
P285	In case of inadequate ventilation wear respiratory protection.
P231+P232	Handle under inert gas. Protect from moisture.
P235+P410	Keep cool. Protect from sunlight.

Precautionary statements – Response

P301	IF SWALLOWED:
P302	IF ON SKIN:
P303	IF ON SKIN (or hair):
P304	IF INHALED:
P305	IF IN EYES:
P306	IF ON CLOTHING:
P307	IF exposed:
P308	IF exposed or concerned:
P309	IF exposed or if you feel unwell:
P310	Immediately call a POISON CENTER or doctor/physician.
P311	Call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P313	Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P315	Get immediate medical advice/attention.
P320	Specific treatment is urgent (see on this label).
P321	Specific treatment (see on this label).
P322	Specific measures (see on this label).
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P332	If skin irritation occurs:
P333	If skin irritation or rash occurs:
P334	Immerse in cool water/wrap in wet bandages.
P335	Brush off loose particles from skin.
P336	Thaw frosted parts with lukewarm water. Do no rub affected area.
P337	If eye irritation persists:
P338	Remove contact lenses, if present and easy to do. Continue rinsing.
P340	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P341	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342	If experiencing respiratory symptoms:
P350	Gently wash with plenty of soap and water.
P351	Rinse cautiously with water for several minutes.
P352	Wash with plenty of soap and water.
P353	Rinse skin with water/shower.
P360	Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P361	Remove/Take off immediately all contaminated clothing.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.

Safety: Hazard and precaution statements

Precautionary statements – Response (continue)

P370	In case of fire:
P371	In case of major fire and large quantities:
P372	Explosion risk in case of fire.
P373	DO NOT fight fire when fire reaches explosives.
P374	Fight fire with normal precautions from a reasonable distance.
P375	Fight fire remotely due to the risk of explosion.
P376	Stop leak if safe to do so.
P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P378	Use ... for extinction.
P378a	Use for extinction: CO ₂ , powder or water spray.
P378b	Use for extinction: Special powder for metal fires.
P378c	Use for extinction: CO ₂ , sand, extinguishing powder.
P378d	Use for extinction: Water.
P378e	Use for extinction: Water haze.
P378f	Use for extinction: Water spray.
P378g	Use for extinction: Foam.
P378h	Use for extinction: Alcohol resistant foam.
P378i	Use for extinction: Fire-extinguishing powder.
P378j	Use for extinction: BC powder.
P378k	Use for extinction: ABC powder.
P378l	Use for extinction: Carbon dioxide.
P378m	Use for extinction: Limestone powder.
P378n	Use for extinction: Cement.
P378o	Use for extinction: Sand.
P378p	Use for extinction: Dry sand.
P380	Evacuate area.
P381	Eliminate all ignition sources if safe to do so.
P390	Absorb spillage to prevent material damage.
P391	Collect spillage.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P330 +P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P302+P334	IF ON SKIN: Immerse in cool water/wrap in wet bandages.
P302+P350	IF ON SKIN: Gently wash with plenty of soap and water.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361 +P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351 +P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P306+P360	IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P307+P311	IF exposed: Call a POISON CENTER or doctor/physician.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P309+P311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

Precautionary statements – Response (continue)

P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P335+P334	Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P370+P376	In case of fire: Stop leak if safe to do so.
P370+P378	In case of fire: Use ... for extinction.
P370+P378a	In case of fire: Use for extinction: CO ₂ , powder or water spray.
P370+P378b	In case of fire: Use for extinction: Special powder for metal fires.
P370+P378c	In case of fire: Use for extinction: CO ₂ , sand, extinguishing powder.
P370+P378d	In case of fire: Use for extinction: Water.
P370+P378e	In case of fire: Use for extinction: Water haze.
P370+P378f	In case of fire: Use for extinction: Water spray.
P370+P378g	In case of fire: Use for extinction: Foam.
P370+P378h	In case of fire: Use for extinction: Alcohol resistant foam.
P370+P378i	In case of fire: Use for extinction: Fire-extinguishing powder.
P370+P378j	In case of fire: Use for extinction: BC powder.
P370+P378k	In case of fire: Use for extinction: ABC powder.
P370+P378l	In case of fire: Use for extinction: Carbon dioxide.
P370+P378m	In case of fire: Use for extinction: Limestone powder.
P370+P378n	In case of fire: Use for extinction: Cement.
P370+P378o	In case of fire: Use for extinction: Sand.
P370+P378p	In case of fire: Use for extinction: Dry sand.
P370+P380	In case of fire: Evacuate area.
P370+P380 +P375	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
P371+P380 +P375	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Precautionary statements – Storage

P401	Store...
P401a	Store in accordance with local/regional/national/international regulations.
P402	Store in a dry place.
P403	Store in a well-ventilated place.
P404	Store in a closed container.
P405	Store locked up.
P406	Store in corrosive resistant container with a resistant inner liner.
P407	Maintain air gap between stacks/pallets.
P410	Protect from sunlight.
P411	Store at temperatures not exceeding ...°C/...°F.
P411a	Store at temperatures not exceeding ...°C.
P411b	Store at temperatures not exceeding ...°F.
P412	Do not expose to temperatures exceeding 50°C/122°F.
P413	Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ...°C/...°F.
P413a	Store bulk masses greater than ... kg at temperatures not exceeding ...°C.
P413b	Store bulk masses greater than ... lbs at temperatures not exceeding ...°F.
P420	Store away from other materials.
P420a	Store away from foodstuffs.

Safety: Hazard and precaution statements

Precautionary statements – Storage (continue)

P420b	Store away from flammable substances.
P420c	Store away from oxidizing agents.
P420d	Store away from reducing agents.
P420e	Store away from water.
P420f	Store away from metals.
P420g	Store away from acids.
P420h	Store away from caustic solutions.
P422	Store contents under...
P422a	Store contents under inert gas.
P422b	Store contents under protective gas.
P422c	Store contents under solvent.
P422d	Store under water.
P422e	Store in petroleum.
P422f	Store in nitrogen.
P402+P404	Store in a dry place. Store in a closed container.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P411+P235	Store at temperatures not exceeding ...°C/...°F. Keep cool.
P411a+P235	Store at temperatures not exceeding ...°C. Keep cool.
P411b+P235	Store at temperatures not exceeding ...°F. Keep cool.

Precautionary statements – Disposal

P501	Dispose of contents/container to...
P501a	Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental hazard information

Physical properties

EUH001	Explosive when dry.
EUH006	Explosive with or without contact with air.
EUH014	Reacts violently with water.
EUH018	In use may form flammable/explosive vapour-air mixture.
EUH019	May form explosive peroxides.
EUH044	Risk of explosion if heated under confinement.

Health properties

EUH029	Contact with water liberates toxic gas.
EUH031	Contact with acids liberates toxic gas.
EUH032	Contact with acids liberates very toxic gas.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH070	Toxic by eye contact.
EUH071	Corrosive to the respiratory tract.

Environmental properties

EUH059	Hazardous to the ozone layer.
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Solvents in returnable containers

As a contribution to waste minimization in the laboratory, we offer our customers the facility to buy solvents in returnable containers. When consumption of solvents is high, this service represents a significant saving in the management of packaging waste and prevents the accumulation of empty glass containers.

The logistics of our returnable packaging service is complex, and may vary from country to country. Contact our distributor in your country. He will tell you the practical details of the service.

► We offer different returnable containers to fit each customer needs

Solvents in returnable containers



7 litre steel containers

The mouth of the container is like that of the glass bottle (GL45), so it can adapt to the same dispensers or caps of analytical instruments (HPLC, titrators...). Easy to use, thanks to its metal handle and obviously safer than a glass bottle. Moreover, it occupies much less space than 3 bottles of 2,5L. Suitable for the storage of all liquids compatible with steel, even those of high purity.

25 litre safety drum

In addition to its resistance to impact, this drum has several additional security features: Davy sieve, vent valve and safety valve in the cap. In case of fire, the flames did not penetrate the interior of the drum, preventing an explosion. It is therefore particularly suitable for storing flammable liquids such as hexane, acetone, and ether. Once on site, the plug cap is replaced by a steel self-closing tap allowing horizontal emptying. It comes with a metal ring for easy handling.



Solvents in returnable containers

- › **Our system is recognized as a Deposit Refund on Return System, according to spanish Law 11/1997, RD 782/1998 and the Order of April 27, 1998. That's why our packages carry an identifying symbol.**



30, 100 or 185 litre steel drums

For large consumers of solvents.

The absence of polymer seals between different parts of the barrel allows the preservation of the highest quality solvent. We package all solvents in it except some chlorinated solvents, as they are incompatible with steel. They can be pressurized and can be used in assemblies for dispensing solvents over long distances. The liquid can be drawn with positive pressure of inert gas through a steel dispensing system.



Dispensing system
using inert gas



Ecological packaging

All our containers and packaging are approved for the storage and transport of dangerous goods according to the UN. Predicting its future importance, for years Scharlab has been employing recyclable and reusable materials in their packaging.

We no longer use expanded polystyrene boxes, since it is an expensive material to recycle or discard. Our packaging is made entirely of cardboard, both the outer box, and also the filler material is recycled cardboard. In addition to their ecological character, our packaging has other advantages:

- › **Carton is a recoverable material**, i.e. it can be recycled and part of its cost recovered.
- › **It is safe packaging**. In the case of failure of a container, it acts as an absorbent, lessening the danger.
- › **Easily stored**. The outer box folds and the filler material is stackable, occupying less space.
- › **It is approved** for transport by road, sea and air.

Safety glass bottles

› Inert and safe

Although glass, as it is inert, is the ideal material for containing laboratory reagents, however it has the disadvantage of being fragile. Glass containers containing hazardous materials should be handled accordingly taking into account safety precautions to prevent accidents from breakage.

Newly developed, Scharlab offers its concentrated acids in glass bottles covered with a layer of plastic in case of breakage this does not allow the contents to disperse, preventing possible burns to the user. You will find within this list, accompanied by the packaging **symbol**  products that can be supplied in this new packaging format. These are concentrated hydrochloric, nitric, sulphuric and perchloric acids.



HDPE bottles for liquids

› Safe and practical

› They facilitate the handling of liquids

Glass is the best material to contain analytical reagents but it is heavy and breaks easily. These are major disadvantages when handling toxic and hazardous liquids in case of accidents.

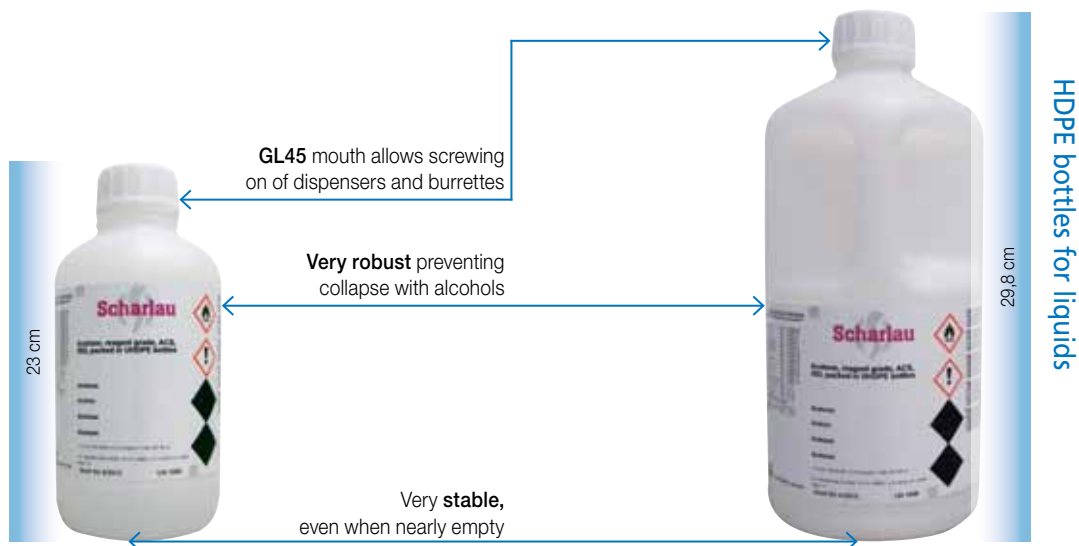
High density polyethylene (HDPE) is a good alternative to package a large variety of liquid and solid chemicals. It is compatible with weak acids and bases, alcohols, acetone, aqueous solutions and most inorganic salts and organic solids.

In our laboratory we have found that different types of HDPE behave differently towards solvents of analytical grade. Depending on its composition they can release trace amounts of additives that become impurities in the solvent.

After several analyses, we selected the HDPE material with the greatest compatibility for most solvents to be used in the manufacture of our HDPE bottles of 1 and 2,5 litres.

› 1 litre HDPE bottle

NEW! › 2,5 litre HDPE bottle



Fits perfectly automatic titrator brackets



Graduated for estimating the liquid left in the bottle

Holographic protection

Due to the continuous presence of imitations of Scharlau chemicals in several countries, with negative consequences for our customers, we launched an initiative that will distinguish genuine Scharlau products from imitations.

All lots manufactured from October 2010 bear a barcode label with a unique Scharlau hologram.

Reject any container that does not contain this Scharlau hologram. The hologram is the best guarantee of quality for you.

Products

If you have containers of products manufactured before October 2010, you can check the expiry date by consulting the appropriate certificate of analysis on the web www.scharlab.com.

Beware if you see the expiry date of the original COA is not the same as that which appears on the label.

Finally, in 2005 we changed the design of our labels with the logo on a blue background to the current silver logo. Do not accept any product label logo on a blue background. Products with labels with blue background are probably fake or expired products.



- › **Reject any container that does not contain this Scharlau hologram.**
- › **The hologram is the best guarantee of quality for you.**



January
2005



May
2010



October
2010



- › **Blue** label
- › **Linear** bar code
- › Label according to **DSD** and **DPD**

- › **Silver** label
- › **Linear** and **bidimensional** bar code
- › Label according to **DSD** and **DPD**

- › **Silver** label **new design**
- › **Linear** and **bidimensional** bar code
- › Label according to **CLP**

- › **Silver** label new design
- › **Linear** and **bidimensional** bar code
- › Label according to **CLP**
- › **Hologram**

Figures of containers

Glass bottle	
HDPE container	
Glass bottle with a cap and septum	
Laminated glass bottle	
Glass ampoule	
Plastic ampoule	
Glass vial	
HDPE carboy 5L or 25L	
5L metal can	
5L aluminium container	
Wide mouth plastic container	
10L "Kubitainer"	
25L metal drum	
25L metal drum combi	
25L stainless steel drum	
60L PE drum with a spring cap	
200L metal drum	
Cardboard box	
7L returnable stainless steel packaging	
25L returnable stainless steel safety drum	
Combination pack glass bottle / cardboard box	
HDPE screw-capped bottle and dropper	



Figures of containers

AC0050 Acetamide, extra pure*Acetic acid amide*

- M = 59,07 g/mol
- CAS [60-35-5]

- Melting point: 78 - 81 °C
- Boiling point: (13 hPa) 105 °C

crystals, colourless

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.) min. 99 %

Packaging Code

500 g AC00500500

1 kg AC00501000

5 kg AC0050005P

AC0065 Acetanilide, extra pure*N-Phenylacetamide*

- M = 135,17 g/mol
- CAS [103-84-4]

- Melting point: 115 °C
- Boiling point: 304 °C

Store between 15°C and 25°C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (bromometric) 98,5 - 101 %

Packaging Code

1 kg AC00651000

AC0343 Acetic acid glacial, synthesis grade*Methane carboxylic acid, Methylformic acid*

- M = 60,05 g/mol
- CAS [64-19-7]
- Density: 1,05

- Melting point: 17 °C
- Boiling point: 117 °C
- UN 2789

Store between 15°C and 25°C

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (acidimetric) min. 99,5 %

Packaging Code

1 l AC03431000

2,5 l AC03432500

5 l AC0343005P

25 l AC0343025P

AC0342 Acetic acid glacial, extra pure, Ph Eur, BP, USP*Methane carboxylic acid, Methylformic acid*

- M = 60,05 g/mol
- CAS [64-19-7]
- Density: 1,05

- Melting point: 17 °C
- Boiling point: 117 °C
- UN 2789

Store between 15°C and 25°C

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

 assay (acidimetric) 99,0 - 100,5 %
 non-volatile matter max. 0,001 %
 water (K.F.) max. 0,3 %
Packaging Code

1 l AC03421000

2,5 l AC03422500

5 l AC0342005P

25 l AC0342025P

AC0352 Acetic acid glacial, analytical grade, ACS, Reag. Ph Eur, USP*Methane carboxylic acid, Methylformic acid*

- M = 60,05 g/mol
- CAS [64-19-7]
- Density: 1,05

- Melting point: 17 °C
- Boiling point: 117 °C
- UN 2789

Store between 15°C and 25°C

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

 assay (acidimetric) min. 99,8 %
 non-volatile matter max. 0,001 %
 water (K.F.) max. 0,3 %
Packaging Code

1 l AC03521000

2,5 l AC03522500

5 l AC0352005P

25 l AC0352025P

AC0353 Acetic acid glacial, reagent grade, ACS, ISO, packed in UHDPE bottles*Methane carboxylic acid, Methylformic acid*

- M = 60,05 g/mol
- CAS [64-19-7]
- Density: 1,05

- Melting point: 17 °C
- Boiling point: 117 °C
- UN 2789

Store between 15°C and 25°C

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (acidimetric) min. 99,8 %

Packaging Code

1 l AC03531000

2,5 l AC03532500

Aceti

AC0344 Acetic acid glacial, reagent grade, ACS, ISO, Reag. Ph Eur



Methane carboxylic acid, Methylformic acid



- M = 60,05 g/mol
- CAS [64-19-7]
- Density: 1,05

- Melting point: 17 °C
- Boiling point: 117 °C
- UN 2789

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC03441000

2,5 l AC03442500

5 l AC0344005P

25 l AC0344025P

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,8 %
non-volatile matter..... max. 0,0005 %

AC0345 Acetic acid glacial, min. 99,8%, reagent grade, according to Wijs



Methane carboxylic acid, Methylformic acid



- M = 60,05 g/mol
- CAS [64-19-7]
- Density: 1,05

- Melting point: 17 °C
- Boiling point: 117 °C
- UN 2789

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC03451000

2,5 l AC03452500

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,8 %
non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,2 %

AC0346 Acetic acid glacial, HPLC grade



Methane carboxylic acid, Methylformic acid



- M = 60,05 g/mol
- CAS [64-19-7]
- Density: 1,05

- Melting point: 17 °C
- Boiling point: 117 °C
- UN 2789

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC03461000

2,5 l AC03462500

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,8 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,2 %
Microfiltered through membranes
of pore diameter 0,22 µm
min. transmission/max. absorbance
wavelength: T(%) A (AU)
260 nm..... 80 % 0,097 AU
270 nm..... 95 % 0,022 AU
280 nm..... 98 % 0,009 AU

AC0347 Acetic acid glacial, eluent additive for LC-MS



Methane carboxylic acid, Methylformic acid



- M = 60,05 g/mol
- CAS [64-19-7]
- Density: 1,05

- Melting point: 17 °C
- Boiling point: 117 °C
- UN 2789

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

50 ml AC03470050

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,9 %
suitability for use in LC-MS..... passes test

AC0354 Acetic acid, solution 96% v/v, reagent grade



Methane carboxylic acid, Methylformic acid



- M = 60,05 g/mol
- CAS [64-19-7]
- Density: ~ 1,05

- Melting point: 17 °C
- Boiling point: 117 °C
- UN 2789

GHS information: Danger.

H226 - H314

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC03541000

2,5 l AC03542500

5 l AC0354005P

25 l AC0354025P

Store between 15°C and 25°C

assay (acidimetric)..... min. 96 %

AC0351 Acetic acid, solution 80% v/v, extra pure*Methane carboxylic acid solution, Methylformic acid solution* CH_3COOH

• M = 60,05 g/mol
• CAS [64-19-7]

• Density: 1,07
• UN 2789

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC03511000

2,5 l AC03512500

5 l AC0351005P

Store between 15°C and 25°C

assay (acidimetric)..... min. 80 %

AC0349 Acetic acid, solution 60% v/v, extra pure*Methane carboxylic acid solution, Methylformic acid solution* CH_3COOH

• M = 60,05 g/mol
• CAS [64-19-7]

• UN 2790

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC03491000

2,5 l AC03492500

Store between 15°C and 25°C

assay (acidimetric)..... min. 60 %

AC0350 Acetic acid, solution 50% v/v, extra pure*Methane carboxylic acid solution, Methylformic acid solution* CH_3COOH

• M = 60,05 g/mol
• CAS [64-19-7]

• Density: 1,052
• UN 2790

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC03501000

2,5 l AC03502500

Store between 15°C and 25°C

assay (acidimetric)..... min. 50 %

AC0365 Acetic acid, solution 1 mol/l (1 N) CH_3COOH

• M = 60,05 g/mol
• CAS [64-19-7]

• Density: 1,01

GHS information: Warning.

H226

P210 - P241 - P280 - P240 - P303+P361+P353 -

P501a

Packaging Code

1 l AC03651000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC0364 Acetic acid, solution 0,1 mol/l (0,1 N) CH_3COOH

• M = 64,08 g/mol
• CAS [64-19-7]

• Density: ~ 1,002

Packaging Code

1 l AC03641000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC0348 Acetic acid-d4, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol® CD_3COOD

• M = 64,08 g/mol
• CAS [1196-52-3]
• Density: 1,14

• Melting point: 15 - 16 °C
• Boiling point: 115,5 °C
• UN 2789

GHS information: Danger.

H314 - H226

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

x10x0,75 AC0348.750

10 ml AC03480010

Store between 15°C and 25°C

Aceti

AN0154 Acetic anhydride, extra pure



Acetyl oxide



- M = 102,09 g/mol
- CAS [108-24-7]
- Density: 1,08

- Melting point: -73 °C
- Boiling point: 138 - 140,5 °C
- UN 1715

GHS information: Danger.
H314 - H226 - H302 - H332
P210 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging	Code
1 l	AN01541000
2,5 l	AN01542500
5 l	AN0154005P
25 l	AN0154025A

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %

AN0155 Acetic anhydride, reagent grade, ACS, ISO, Reag. Ph Eur



Acetyl oxide



- M = 102,09 g/mol
- CAS [108-24-7]
- Density: 1,08

- Melting point: -73 °C
- Boiling point: 138 - 140,5 °C
- UN 1715

GHS information: Danger.
H314 - H226 - H302 - H332
P210 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging	Code
1 l	AN01551000
2,5 l	AN01552500
5 l	AN0155005P
25 l	AN0155025A

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

AN0156 Acetic anhydride, DNA synthesis grade



Acetyl oxide



- M = 102,09 g/mol
- CAS [108-24-7]
- Density: 1,08

- Melting point: -73 °C
- Boiling point: 138 - 140,5 °C
- UN 1090

GHS information: Danger.
H314 - H226 - H302 - H332
P210 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging	Code
1 l	AN01561000

Store between 15°C and 25°C

AC0306 Acetone, synthesis grade



Dimethyl ketone, 2-Propanone



- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

GHS information: Danger.
H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging	Code
1 l	AC03061000
2,5 l	AC03062500
5 l	AC0306005P
25 l	AC0306025P
25 l	AC0306025L

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

AC0312 Acetone, extra pure, Ph Eur, BP, NF, packed in UHDPE bottles



Dimethyl ketone, 2-Propanone



- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

GHS information: Danger.
H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging	Code
1 l	AC03121000
2,5 l	AC03122500
5 l	AC0312005P
25 l	AC0312025P

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
non-volatile matter..... max. 0,002 %
water (K.F.)..... max. 0,3 %
other residual solvents (Ph Eur/ICH)..... excluded by
production process

AC0313 Acetone, extra pure, Ph Eur, BP, NF*Dimethyl ketone, 2-Propanone*

- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,3 %
other residual solvents (Ph Eur/CH).....	
excluded by production process	

Packaging Code

1 l	AC03131000
2,5 l	AC03132500
5 l	AC0313005L
25 l	AC0313025A
25 l	AC0313025S

AC0311 Acetone, analytical grade, ACS, Reag. Ph Eur, BP, NF*Dimethyl ketone, 2-Propanone*

- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,3 %

Packaging Code

1 l	AC03111000
2,5 l	AC03112500
5 l	AC0311005P
7 l	AC0311007E
25 l	AC0311025P
25 l	AC0311025L
25 l	AC0311025S
200 l	AC0311200L

AC0314 Acetone, reagent grade, ACS, ISO, packed in UHDPE bottles*Dimethyl ketone, 2-Propanone*

- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,2 %

Packaging Code

1 l	AC03141000
2,5 l	AC03142500
5 l	AC0314005P
25 l	AC0314025A

AC0315 Acetone, reagent grade, ACS, ISO, Reag. Ph Eur*Dimethyl ketone, 2-Propanone*

- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0005 %
water (K.F.).....	max. 0,2 %

Packaging Code

1 l	AC03151000
2,5 l	AC03152500
7 l	AC0315007E
25 l	AC0315025S

AC0316 Acetone, dried (max. 0,01% H₂O), reagent grade*Dimethyl ketone, 2-Propanone*

- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0005 %
water (K.F.).....	max. 0,01 %

Packaging Code

1 l	AC03161000
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Aceto

AC0310 Acetone, Multisolvant® HPLC grade ACS ISO UV-VIS



Dimethyl ketone, 2-Propanone



- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,2 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
330 nm.....	10 % 1,000 AU
335 nm.....	50 % 0,301 AU
339 nm.....	80 % 0,097 AU
342 nm.....	90 % 0,046 AU
350 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l	AC03101000
2,5 l	AC03102500
4 l	AC03104000
7 l	AC0310007E
25 l	AC0310025S

AC0317 Acetone, spectroscopy grade, Spectrosol®



Dimethyl ketone, 2-Propanone



- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

assay (G.C.).....	min. 99,8 %
minimum transmission /max. absorbance	
wavelength:	T(%) A (AU)
335 nm.....	60 % 0,222 AU
340 nm.....	85 % 0,071 AU
345 nm.....	95 % 0,022 AU

Packaging Code

1 l	AC03171000
2,5 l	AC03172500

AC0308 Acetone, for GC residue analysis



Dimethyl ketone, 2-Propanone



- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,2 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	

Packaging Code

1 l	AC03081000
2,5 l	AC03082500
7 l	AC0308007E
25 l	AC0308025S

AC0309 Acetone, GC ultra-trace analysis grade



Dimethyl ketone, 2-Propanone



- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,2 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	
Suitable for highly volatile halogenated	
hydrocarbons trace analysis	
Suitable for pesticide and polycyclic	
aromatic hydrocarbons residue analysis:	

Packaging Code

1 l	AC03091000
2,5 l	AC03092500

AC0319 Acetone, 99,8%, anhydrous (max. 0,005 % H₂O)*Dimethyl ketone, 2-Propanone*

- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

Packaging Code

100 ml AC03190100

500 ml AC03190500

1 l AC03191000

Store between 15°C and 25°C

water (K.F.)..... max. 0,005 %

AC0320 Acetone, VLSI grade*Dimethyl ketone, 2-Propanone*

- M = 58,08 g/mol
- CAS [67-64-1]
- Density: 0,79

- Melting point: -95 °C
- Boiling point: 56 °C
- UN 1090

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

Packaging Code

1 l AC03201000

2,5 l AC03202500

Store between 15°C and 25°C

AC0321 Acetone-d₆, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®*Hexadeuteroacetone*

- M = 64,12 g/mol
- CAS [666-52-4]
- Density: 0,87

- Melting point: -95,4 °C
- Boiling point: 56 °C
- UN 1090

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 -

P501a

Packaging Code

100 ml AC03210100

Store between 15°C and 25°C

AC0322 Acetone-d₆, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®*Hexadeuteroacetone*

- M = 64,12 g/mol
- CAS [666-52-4]
- Density: 0,87

- Melting point: -95,4 °C
- Boiling point: 56 °C
- UN 1090

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 -

P501a

Packaging Code

x10x0,75 AC0322.750

10 ml AC03220010

100 ml AC03220100

Store between 15°C and 25°C

AC0323 Acetone-d₆, deuteration degree min. 99,95%, NMR spectroscopy grade, Spectrosol®*Hexadeuteroacetone*

- M = 64,12 g/mol
- CAS [666-52-4]
- Density: 0,87

- Melting point: -95,4 °C
- Boiling point: 56 °C
- UN 1090

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 -

P501a

Packaging Code

x10x0,75 AC0323.750

10 ml AC03230010

Store between 15°C and 25°C

AC0324 Acetone-d₆ + TMS (99:1 v/v), deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®*Hexadeuteroacetone*

- M = 64,12 g/mol
- CAS [666-52-4]
- Density: 0,87

- Melting point: -95,4 °C
- Boiling point: 56 °C
- UN 1090

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 -

P501a

Packaging Code

10 ml AC03240010

Store between 15°C and 25°C

Aceto

AC0325 Acetonitrile, extra pure



Methyl cyanide, Cyanomethane



- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.
H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

Packaging	Code
1 I	AC03251000
2,5 I	AC03252500
5 I	AC0325005L
25 I	AC0325025A
25 I	AC0325025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,7 %

AC0327 Acetonitrile, reagent grade, ACS, Reag. Ph Eur



Methyl cyanide, Cyanomethane



- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.
H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

Packaging	Code
1 I	AC03271000
2,5 I	AC03272500
25 I	AC0327025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,1 %

AC0333 Acetonitrile, Multisolvant[®] HPLC grade ACS UV-VIS



Methyl cyanide, Cyanomethane



- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.
H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

Packaging	Code
1 I	AC03331000
2,5 I	AC03332500
4 I	AC03334000
7 I	AC0333007E
25 I	AC0333025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,03 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
190 nm..... 10 % 1,000 AU
195 nm..... 50 % 0,301 AU
200 nm..... 80 % 0,097 AU
215 nm..... 90 % 0,046 AU
230 nm..... 98 % 0,009 AU
Microfiltered through membranes
of pore diameter 0,22 µm

AC0328 Acetonitrile, spectroscopy grade, Spectrosol[®]



Methyl cyanide, Cyanomethane



- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.
H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

Packaging	Code
1 I	AC03281000
2,5 I	AC03282500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
wavelength: T(%) A (AU)
<190 nm..... 10 % 1,000 AU
195 nm..... 50 % 0,301 AU
200 nm..... 80 % 0,097 AU
215 nm..... 90 % 0,046 AU
230 nm..... 98 % 0,009 AU

AC0340 Acetonitrile, isocratic HPLC grade*Methyl cyanide, Cyanomethane*

• M = 41,05 g/mol
• CAS [75-05-8]
• Density: 0,786

• Melting point: -45,7 °C
• Boiling point: 81,6 °C
• UN 1648

Store between 15°C and 25°C

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0003 %
water (K.F.).....	max. 0,03 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
200 nm.....	50 % 0,301 AU
220 nm.....	90 % 0,046 AU
240 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l AC03401000
2,5 l AC03402500
4 l AC03404000
7 l AC0340007E
25 l AC0340025S

AC0329 Acetonitrile, gradient 240nm/ far UV HPLC grade*Methyl cyanide, Cyanomethane*

• M = 41,05 g/mol
• CAS [75-05-8]
• Density: 0,786

• Melting point: -45,7 °C
• Boiling point: 81,6 °C
• UN 1648

Store between 15°C and 25°C

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

assay (G.C.).....	min. 99,85 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,02 %
gradient grade (240 nm)	
maximum background absorbance:	0,01 AU
maximum peak absorbance:	0,0015 AU
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
200 nm.....	90 % 0,046 AU
205 nm.....	92 % 0,036 AU
210 nm.....	95 % 0,022 AU
220 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l AC03291000
2,5 l AC03292500
4 l AC03294000
7 l AC0329007E
25 l AC0329025S

AC0331 Acetonitrile, supragradient HPLC grade*Methyl cyanide, Cyanomethane*

• M = 41,05 g/mol
• CAS [75-05-8]
• Density: 0,786

• Melting point: -45,7 °C
• Boiling point: 81,6 °C
• UN 1648

Store between 15°C and 25°C

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,01 %
gradient grade (210 nm)	
maximum background absorbance:	0,01 AU
maximum peak absorbance:	0,0015 AU
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
195 nm.....	80 % 0,097 AU
200 nm.....	95 % 0,022 AU
210 nm.....	97 % 0,013 AU
220 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	
suitable for UPLC	

Packaging Code

1 l AC03311000
2,5 l AC03312500
4 l AC03314000
7 l AC0331007E
25 l AC0331025S

Aceto

AC0335 Acetonitrile, fluorescence HPLC grade



Methyl cyanide, Cyanomethane



- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

Packaging Code

1 l AC03351000
2,5 l AC03352500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
min. transmission/max. absorbance
fluorescence analysis:
maximum absorbance: 1 ppb as quinine
(in 0,1 N sulfuric acid), for the spectra
recorded at the following conditions:
EX wavelength between 220 and 450
EM wavelength between 250 and 550

AC0371 Acetonitrile, LC-MS



Methyl cyanide, Cyanomethane



- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

Packaging Code

1 l AC03711000
2,5 l AC03712500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
potassium (K)..... max. 0,00001 %
sodium (Na)..... max. 0,00001 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,01 %
suitability for use in LC-MS..... passes test

AC0338 Acetonitrile, for GC residue analysis



Methyl cyanide, Cyanomethane



- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

Packaging Code

1 l AC03381000
2,5 l AC03382500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0001 %
water (K. F.)..... max. 0,02 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis

AC0341 Acetonitrile, GC ultra-trace analysis grade



Methyl cyanide, Cyanomethane



- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
P210 - P241 - P261 - P303+P361+P353 -
P305+P351+P338 - P501a

Packaging Code

1 l AC03411000
2,5 l AC03412500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,01 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis
Suitable for highly volatile halogenated
hydrocarbons trace analysis
Suitable for pesticide and polycyclic
aromatic hydrocarbons residue analysis

AC0326 Acetonitrile, 99,9%, anhydrous (max. 0,001 % H₂O)*Methyl cyanide, Cyanomethane*

- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
 P210 - P241 - P261 - P303+P361+P353 -
 P305+P351+P338 - P501a

Packaging Code

100 ml AC03260100
 500 ml AC03260500
 1 l AC03261000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
 water (K.F.)..... max. 0,001 %

AC0370 Acetonitrile, 99,7%, anhydrous (max. 0,005 % H₂O), with molecular sieves*Methyl cyanide, Cyanomethane*

- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
 P210 - P241 - P261 - P303+P361+P353 -
 P305+P351+P338 - P501a

Packaging Code

1 l AC03701000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,7 %
 water (K.F.)..... max. 0,005 %

AC0336 Acetonitrile, max. 0,003% H₂O, DNA synthesis grade*Methyl cyanide, Cyanomethane*

- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
 P210 - P241 - P261 - P303+P361+P353 -
 P305+P351+P338 - P501a

Packaging Code

1 l AC03361000
 2,5 l AC03362500

Store between 15°C and 25°C

AC0337 Acetonitrile, max. 0,001% H₂O, DNA synthesis grade*Methyl cyanide, Cyanomethane*

- M = 41,05 g/mol
- CAS [75-05-8]
- Density: 0,786

- Melting point: -45,7 °C
- Boiling point: 81,6 °C
- UN 1648

GHS information: Danger.

H225 - H302 - H312 - H332 - H319
 P210 - P241 - P261 - P303+P361+P353 -
 P305+P351+P338 - P501a

Packaging Code

1 l AC03371000

Store between 15°C and 25°C

AC0332 Acetonitrile-d₃, deuteration degree min. 99,8 %, NMR spectroscopy grade, Spectrosol®*Trideuteroacetonitrile*

- M = 44,05 g/mol
- CAS [2206-26-0]
- Density: 0,84

- Melting point: -46 °C
- Boiling point: 79 °C
- UN 1648

GHS information: Danger.

H225 - H301 - H311 - H330
 P201+P310 - P303+P361+P353 - P310 - P320 - P361 -
 P405 - P501a

Packaging Code

10 ml AC03320010

Store between 15°C and 25°C

AC0334 Acetonitrile-d₃, deuteration degree min. 99,95%, NMR spectroscopy grade, Spectrosol®*Trideuteroacetonitrile*

- M = 44,05 g/mol
- CAS [2206-26-0]
- Density: 0,84

- Melting point: -46 °C
- Boiling point: 79 °C
- UN 1648

GHS information: Danger.

H225 - H301 - H311 - H330
 P201+P310 - P303+P361+P353 - P310 - P320 - P361 -
 P405 - P501a

Packaging Code

x10x0,75 AC0334.750

Store between 15°C and 25°C

Aceto

AC0374 Acetonitrile with 0,1% acetic acid, LC-MS				
• UN 1993	GHS information: Danger. H225 - H312 - H332 - H319 - P210 - P241 - P261 - P303+P361+P353 - P305+P351+P338 - P501a	Packaging Code 1 I 0 AC03741000		
Store between 15°C and 25°C	acetic acid content (v/v)..... 0,093 - 0,107 % suitability for use in LC-MS..... passes test			

AC0373 Acetonitrile with 0,1% formic acid, LC-MS				
• Density: 0,78	• UN 1993	GHS information: Danger. H225 - H312 - H332 - H319 P210 - P241 - P261 - P303+P361+P353 - P305+P351+P338 - P501a -	Packaging Code 1 I 0 AC03731000	
Store between 15°C and 25°C	formic acid content (v/v)..... 0,093 - 0,107 % suitability for use in LC-MS..... passes test			

AC0372 Acetonitrile with 0,1% trifluoroacetic acid, LC-MS				
• UN 1993	GHS information: Danger. H225 - H312 - H332 - H319 P210 - P241 - P261 - P303+P361+P353 - P305+P351+P338 - P501a	Packaging Code 1 I 0 AC03721000		
Store between 15°C and 25°C	trifluoroacetic acid content (v/v)..... 0,093 - 0,107 % suitability for use in LC-MS..... passes test			

AC0300 Acetophenone, extra pure			
<i>Methyl phenyl ketone, Phenyl methyl ketone</i>			Packaging Code 1 I 0 AC03001000
C ₈ H ₈ O	GHS information: Warning. H302 - H319 P280 - P264 - P305+P351+P338 - P301+P312 - P337+P313 - P501a		
• M = 120,15 g/mol • CAS [98-86-2] • Density: 1,03	• Melting point: 20 °C • Boiling point: 202 °C		
Store between 15°C and 25°C	assay (G.C.)..... min. 99 %		

AC0220 Acetylacetone, synthesis grade				
<i>2,4-Pentanedione, ACAC</i>			Packaging Code	
C ₅ H ₈ O ₂	GHS information: Warning. H226 + H302 P210 - P241 - P280 - P240 - P303+P361+P353 - P501a		250 ml 	AC02200250
• M = 100,12 g/mol • CAS [123-54-6] • Density: 0,97	• Melting point: -23 °C • Boiling point: 140 °C • UN 2310		1 l 	AC02201000
Store between 15°C and 25°C	assay (G.C.).....	min. 99 %		

CL0230 Acetyl chloride, synthesis grade				
<i>Acetic acid chloride</i>			Packaging Code 1 I 0 CL02301000	
CH ₃ COCI	GHS information: Danger. H225 - H314 - EUH014 P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a			
• M = 78,50 g/mol • CAS [75-36-5] • Density: 1,10	• Melting point: -112 °C • Boiling point: 52 °C • UN 1717			
Store between 15°C and 25°C	assay (argentometric)..... min. 98 %			

CL0232 Acetyl chloride, reagent grade, ACS*Acetic acid chloride*

- M = 78,50 g/mol
- CAS [75-36-5]
- Density: 1,10

- Melting point: -112 °C
- Boiling point: 52 °C
- UN 1717

GHS information: Danger.

H225 - H314 - EUH014

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

100 ml CL02320100

250 ml CL02320250

1 l CL02321000

Store between 15°C and 25°C

assay (G.C.)..... min. 98,5 %

AC0355 Acetylsalicylic acid, extra pure, Ph Eur, BP, USP*Acetoxybenzoic acid*

- M = 180,15 g/mol
- CAS [50-78-2]

- Melting point: 136 °C

GHS information: Danger.

H301

P264 - P270 - P301+P310 - P321 - P405 - P501a

Packaging Code

500 g AC03550500

1 kg AC03551000

5 kg AC0355005P

25 kg AC0355025P

Store between 15°C and 25°C

 assay (acidimetric)..... 99,5 - 101 %
 residual solvents (Ph Eur/ICH) class 3..... max. 0,5 %
 other residual solvents (Ph Eur/ICH)..... excluded by
 production process
RE0025 Acid detergent fibre reagent, ADF according to Van Soest

- Density: 1,03

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313**Packaging Code**

1 l RE00251000

5 l RE0025005P

Store between 15°C and 25°C

AN0040 Acridine orange, C.I. 46005, for microscopy*Basic orange, Acridine orange zinc chloride double salt*

- M = 438,09 g/mol

- CAS [10127-02-3]

GHS information: Warning.

H341

P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code

25 g AN00400025

Store between 5°C and 30°C

AC3343 Acrylamide, molecular biology grade*Acrylic acid amide*

- M = 71,08 g/mol
- CAS [79-06-1]
- Melting point: 84 °C

- Boiling point: (2,7 hPa) 87 °C
- UN 2074

GHS information: Danger.

H301 - H340 - H350 - H372 - H361f - H312 - H332 -

H315 - H319 - H317

P260 - P301+P310 - P305+P351+P338 - P321 - P405 -

P501a

Packaging Code

100 g AC33430100

1 kg AC33431000

Store between 15°C and 25°C

 assay (G.C.)..... min. 99,9 %
 DNases, RNases, Proteases non detected
AC3345 Acrylamide, electrophoresis grade*Acrylic acid amide*

- M = 71,08 g/mol
- CAS [79-06-1]
- Melting point: 84 °C

- Boiling point: (2,7 hPa) 87 °C
- UN 2074

GHS information: Danger.

H301 - H340 - H350 - H372 - H361f - H312 - H332 -

H315 - H319 - H317

P260 - P301+P310 - P305+P351+P338 - P321 - P405 -

P501a

Packaging Code

100 g AC33450100

1 kg AC33451000

Store between 15°C and 25°C

Adipi

AC0375 Adipic acid, synthesis grade



Hexanedioic acid, 1,4-Butanedicarboxylic acid, Butane-1,4-dicarboxylic acid



- M = 146,14 g/mol

• CAS [124-04-9]
- Melting point: 150 - 153 °C

• Boiling point: (13 hPa) 205 °C

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code
1 kg  AC03751000

crystals or crystalline powder, white assay (acidimetric)..... min. 99.5 %
Store between 15°C and 25°C

AG0020 Agar-agar, powder, for bacteriology

Agar
• CAS [9002-18-0]
Store between 5°C and 30°C
Packaging Code
250 g  AG00200250
500 g  AG00200500
1 kg  AG00201000

AG0019 Agar-agar, food grade

Agar
• CAS [9002-18-0]
powder, beige
Store between 5°C and 30°C
Packaging Code
1 kg  AG00191000

AG0030 Agarose Low EEO, electrophoresis grade

• CAS [9012-36-6]
Store between 15°C and 25°C
Packaging Code
25 g  AG00300025
100 g  AG00300100
250 g  AG00300250
1 kg  AG00301000
gel strength min. 1000 g/cm2
gelling point 34 - 38 °C
melting point 86 - 90 °C
electroendosmosis max. 0,15 -mr
DNases, RNases non detected

AG0031 Agarose Medium EEO, electrophoresis grade

• CAS [9012-36-6]
Store between 15°C and 25°C
Packaging Code
25 g  AG00310025
100 g  AG00310100
250 g  AG00310250
1 kg  AG00311000
gel strength min. 1000 g/cm2
gelling point 34 - 38 °C
melting point 86 - 90 °C
electroendosmosis 0,16 - 0,26 -mr
DNases, RNases non detected

AG0032 Agarose High EEO, electrophoresis grade

• CAS [9012-36-6]
Store between 15°C and 25°C
Packaging Code
25 g  AG00320025
100 g  AG00320100
250 g  AG00320250
gel strength min. 700 g/cm2
gelling point 34 - 38 °C
melting point 86 - 90 °C
electroendosmosis 0,21 - 0,26 -mr
DNases, RNases non detected

AG0034 Agarose Low Melt, electrophoresis grade

• CAS [9012-36-6]
Store between 15°C and 25°C
Packaging Code
5 g  AG00340005
25 g  AG00340025
gel strength min. 400 g/cm2
gelling point 26 - 30 °C
melting point 62 - 70 °C
electroendosmosis max. 0,15 -mr
DNases, RNases non detected

AG0033 Agarose High Gelling Temperature, electrophoresis grade

• CAS [9012-36-6]

Store between 15°C and 25°C

gel strength	min. 800 g/cm2
gelling point	40 - 44 °C
melting point	86 - 94 °C
electroendosmosis	max. 0,1 -mr
DNases, RNases	non detected

Packaging	Code
25 g	AG00330025
100 g	AG00330100
250 g	AG00330250

AG0035 Agarose High Gel, electrophoresis grade

• CAS [9012-36-6]

Store between 15°C and 25°C

gel strength	min. 1500 g/cm2
gelling point	33 - 38 °C
melting point	86 - 94 °C
electroendosmosis	max. 0,10 -mr
DNases, RNases	non detected

Packaging	Code
25 g	AG00350025
100 g	AG00350100

AG0036 Agarose High Resolution, electrophoresis grade

• CAS [9012-36-6]

Store between 15°C and 25°C

Allows resolution of small DNA, RNA and OCR fragments < 1000 bp	
DNases, RNases	non detected

Packaging	Code
5 g	AG00360005
25 g	AG00360025

AG0037 Agarose IEF, isoelectric focusing grade

• CAS [9012-36-6]

Store between 15°C and 25°C

Electroendosmosis free agarose.

Packaging	Code
5 g	AG00370005
25 g	AG00370025

AL0035 β-Alanine, extra pure

3-Aminopropanoic acid, Ala



- M = 89,09 g/mol
- CAS [107-95-9]
- Melting point: 200 °C (decomposes)

crystals, colourless or white

Store between 5°C and 30°C

assay (titr. with HClO4)..... min. 99 %

Packaging	Code
250 g	AL00350250
1 kg	AL00351000

AL0025 DL-Alanine, extra pure

2-Aminopropionic acid, Ala



- M = 89,09 g/mol
- CAS [302-72-7]
- Melting point: 264 - 296 °C (decomposes)

Store between 5°C and 30°C

assay (titr. with HClO4) min. 99 %

Packaging	Code
100 g	AL00250100
1 kg	AL00251000

AL0030 L-Alanine, extra pure, Ph Eur, BP, USP

α-Aminopropanoic acid, 2-Aminopropanoic acid, Ala



- M = 89,09 g/mol
- CAS [56-41-7]
- Melting point: 295 - 297 °C (decomposes)

crystals, white or almost white

Store between 5°C and 30°C

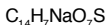
assay (titration with HClO4, on
residual solvents (Ph Eur/ICH))..... excluded by
process production

Packaging	Code
100 g	AL00300100

Aliza

RO0070 Alizarin red S, C.I. 58005, reagent grade

Sodium alizarinsulfonate, Alizarin carmine, 1,2-Dihydroxyanthraquinone-3-sulfonic acid



• M = 342,25 g/mol

• CAS [130-22-3]

powder, brown

Store between 5°C and 30°C

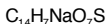
Packaging Code

25 g  RO00700025

100 g  RO00700100

RO0071 Alizarin red S, solution 0,1%

Sodium alizarinsulfonate, Alizarin carmine, 1,2-Dihydroxyanthraquinone-3-sulfonic acid



• M = 342,25 g/mol

• Density: 0,947

• CAS [130-22-3]

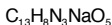
Store between 15°C and 25°C

Packaging Code

100 ml  RO00710100

AM0025 Alizarin yellow GG, C.I. 14025, indicator

2-Hydroxy-5[(3-nitrophenyl)azo]benzoic acid monosodium salt, Mordant yellow 1



• M = 309,21 g/mol

• CAS [584-42-9]

powder, brown

Store between 5°C and 30°C

Packaging Code

10 g  AM00250010

50 g  AM00250050

Alum chrome. See Chromium(III) potassium sulfate dodecahydrate page 71

Alum earth. See Aluminium oxide page 17

AL0760 Aluminium, powder, synthesis grade



Al

• M = 26,98 g/mol

• CAS [7429-90-5]

• Melting point: 660 °C

• Boiling point: 2467 °C

• UN 1396

GHS information: Danger.

H250 - H261

P210 - P222 - P231+P232 - P280 - P422a - P501a

assay..... min. 99 %

Packaging Code

250 g  AL07600250

1 kg  AL07601000

5 kg  AL0760005P

AL0740 Aluminium ammonium sulfate dodecahydrate, extra pure, USP

Ammonium aluminium sulfate, Ammonium alum



• M = 453,33 g/mol

• CAS [7784-26-1]

• Melting point: 93 °C

• Boiling point: 200 °C

assay (complexometric, on dried substance)..... 99 - 100,5 %

Packaging Code

500 g  AL07400500

1 kg  AL07401000

5 kg  AL0740005P

AL0770 Aluminium chloride hexahydrate, extra pure, Ph Eur, BP, USP



Hydrochloric acid aluminium salt hexahydrate



• M = 241,43 g/mol

• CAS [7784-13-6]

• Melting point: ~ 100 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

assay (complexometric) 95 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code

500 g  AL07700500

1 kg  AL07701000

5 kg  AL0770005P

25 kg  AL0770025P

AL0795 Aluminium hydroxide, extra pure

Hydrargillite



- M = 78,00 g/mol
- CAS [21645-51-2]

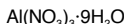
- Melting point: 300 °C (release of crystalline water)

assay (complexometric)..... min. 90 %

Packaging Code

- 250 g AL07950250
- 1 kg AL07951000
- 5 kg AL0795005P
- 25 kg AL0795025P

AL0850 Aluminium nitrate nonahydrate, extra pure



- M = 375,13 g/mol
- CAS [7784-27-2]
- Melting point: 73 °C

- Boiling point: 135 °C (decomposes)
- UN 1438

GHS information: Danger.

H272 - H315 - H319

P221 - P210 - P220 - P305+P351+P338 - P321 - P501a

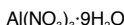
Packaging Code

- 500 g AL08500500
- 1 kg AL08501000
- 5 kg AL0850005P

humid crystals, colourless

assay (complexometric) 98 - 102 %
insoluble in water..... max. 0,02 %

AL0820 Aluminium nitrate nonahydrate, reagent grade, ACS



- M = 375,13 g/mol
- CAS [7784-27-2]
- Melting point: 73 °C

- Boiling point: 135 °C (decomposes)
- UN 1438

GHS information: Danger.

H272 - H315 - H319

P221 - P210 - P220 - P305+P351+P338 - P321 - P501a

Packaging Code

- 500 g AL08200500
- 1 kg AL08201000
- 5 kg AL0820005P

humid crystals, colourless

assay (complexometric)..... 98 - 102 %
insoluble in water..... max. 0,005 %

AL0830 Aluminium oxide, synthesis grade

Alum earth, Alumina, Gooch crucibles



- M = 101,96 g/mol
- CAS [1344-28-1]

- Melting point: ~ 1760 °C

Packaging Code

- 1 kg AL08301000

lumpy powder, greyish

AL0835 Aluminium oxide activated, neutral, for column chromatography (activity degree 1)

Alum earth, Alumina, Gooch crucibles



- M = 101,96 g/mol
- CAS [1344-28-1]

- Melting point: ~ 1760 °C

Packaging Code

- 1 kg AL08351000
- 2,5 kg AL08352500
- 5 kg AL0835005P

crystals, slightly pink

AL0836 Aluminium oxide activated, acid, for column chromatography (activity degree 1)

Alum earth, Alumina, Gooch crucibles



- M = 101,96 g/mol
- CAS [1344-28-1]

- Melting point: ~ 1760 °C

Packaging Code

- 1 kg AL08361000
- 2,5 kg AL08362500
- 5 kg AL0836005P

granulated powder, white

AL0837 Aluminium oxide activated, basic, for column chromatography (activity degree 1)

Alum earth, Alumina, Gooch crucibles



- M = 101,96 g/mol
- CAS [1344-28-1]

- Melting point: ~ 1760 °C

Packaging Code

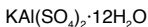
- 1 kg AL08371000
- 2,5 kg AL08372500
- 5 kg AL0837005P

powder, slightly pink

Alumi

AL0745 Aluminium potassium sulfate dodecahydrate, extra pure, Ph Eur, BP, USP

Potassium aluminium sulfate, Alum potassium, Potassium alum



- M = 474,39 g/mol
- Melting point: 92 °C
- CAS [7784-24-9]

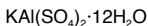
crystals or granular powder, colourless or white

assay (complexometric)..... 99 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code
500 g AL07450500
1 kg AL07451000
5 kg AL0745005P
25 kg AL0745025P

AL0746 Aluminium potassium sulfate dodecahydrate, reagent grade, ACS, Reag. Ph Eur

Potassium aluminium sulfate, Alum potassium, Potassium alum



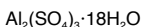
- M = 474,39 g/mol
- Melting point: 92 °C
- CAS [7784-24-9]

crystals or granular powder, colourless or white

assay (complexometric)..... 98 - 102 %

Packaging Code
500 g AL07460500
1 kg AL07461000
5 kg AL0746005P

AL0855 Aluminium sulfate 18-hydrate, extra pure, Ph Eur, BP



- M = 666,42 g/mol
- Melting point: 92 °C
- CAS [7784-31-8]

crystals or powder, white or almost white

assay (complexometric, $\text{Al}_2(\text{SO}_4)_3$)..... 51 - 59 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code
1 kg AL08551000
5 kg AL0855005P

AL0860 Aluminon, reagent for aluminium, ACS



Aurin tricarboxylic acid ammonium salt, Ammonium aurin tricarboxylate



- M = 473,44 g/mol
- CAS [569-58-4]

Store between 15°C and 25°C

GHS information: Warning.
H373 - H312 - H332
P260 - P261 - P280 - P322 - P304+P340 - P501a

Packaging Code
25 g AL08600025

AM0130 Amberlite® IRA-402, ion exchange resin (Amberlite is a trademark of Rohm and Haas Company)



- CAS [52439-77-7]

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code
1 kg AM01301000

NE0025 Amido black 10 B, C.I. 20470



Black acid 1, Naphthol blue black



- M = 616,5 g/mol
- CAS [1064-48-8]

Store between 5°C and 30°C

GHS information: Danger.
H224 - H301 - H330
P301+P310 - P303+P361+P353 - P310 - P320 - P405 -
P501a

Packaging Code
25 g NE00250025
100 g NE00250100

Amidosulfonic acid. See Sulfamic acid page 310

Aminoacetic acid. See Glycine page 136

Aminobenzene. See Aniline page 30

4-Aminobenzenesulfonic acid. See Sulfanilic acid page 310

AC0415 4-Aminobenzoic acid, synthesis grade

p-Aminobenzoic acid, PABA



- M = 137,14 g/mol
- CAS [150-13-0]

- Melting point: 186 - 189 °C

assay (acidimetric)..... min. 99 %

powder, cream

Store between 15°C and 25°C

Packaging Code

250 g  AC04150250

1 kg  AC04151000

AC0427 4-Aminobutyric acid, synthesis grade

GABA



- M = 103,12 g/mol
- CAS [56-12-2]

- Melting point: 200 - 202 °C

assay (titr. with HClO4)..... min. 98 %

Store between 15°C and 25°C

Packaging Code

100 g  AC04270100

2-Aminoethanol. See *Ethanolamine* page 115

2-Aminoethanol hydrochloride. See *Ethanolamine hydrochloride* page 116

L-α-Aminoglutaric acid. See *L-Glutamic acid* page 134

AM0210 2-Aminophenol, technical grade



2-Amino-1-hydroxybenzene, 2-Hydroxyaniline, o-Aminophenol



- M = 109,13 g/mol
- CAS [95-55-6]

- Melting point: 172 -174 °C (sublimes)
- UN 2512

GHS information: Warning.

H341 - H302 - H332

P261 - P281 - P301+P312 - P304+P340 - P405 -

P501a

Packaging Code

100 g  AM02100100

1 kg  AM02101000

Store between 15°C and 25°C

2-Aminopropane. See *Isopropylamine* page 163

1-Amino-2-propanol. See *Isopropanolamine* page 163

2-Aminotoluene. See *o-Toluidine* page 330

AM0251 Ammonia, solution 32% w/w, extra pure



Ammonia water, Ammonium hydroxide solution



- M = 17,03 g/mol
- CAS [1336-21-6]
- Density: 0,89

- Melting point: -91,5 °C
- Boiling point: 24,7 °C
- UN 2672

GHS information: Danger.

H314 - H400 - H335 - H336

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l  AM02511000

2,5 l  AM02512500

5 l  AM0251005P

25 l  AM0251025P

Store below 25°C

assay (acidimetric, NH3)..... min. 30 %

Ammon

AM0252 Ammonia, solution 32% w/w, reagent grade



Ammonia water, Ammonium hydroxide solution



- M = 17,03 g/mol
- CAS [1336-21-6]
- Density: 0,89

- Melting point: -91,5 °C
- Boiling point: 24,7 °C
- UN 2672

GHS information: Danger.
H314 - H400 - H335 - H336
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging	Code
1 l	AM02521000
2,5 l	AM02522500
5 l	AM0252005P
25 l	AM0252025P

Store below 25°C

assay (acidimetric, NH₃)..... min. 30 %

AM0256 Ammonia, solution 28% w/w, reagent grade, Ph Eur



Ammonia water



- M = 17,03 g/mol
- CAS [1336-21-6]
- Density: ~ 0,90

- Melting point: ~ -63 °C
- Boiling point: 36 °C
- UN 2672

GHS information: Danger.
H314 - H400 - H335 - H336
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging	Code
1 l	AM02561000
2,5 l	AM02562500
5 l	AM0256005P
25 l	AM0256025P

Store below 25°C

assay (acidimetric, NH₃)..... min. 28 %

AM0257 Ammonia, solution 25% w/w, synthesis grade



Ammonia water, Ammonium hydroxide solution



- M = 17,03 g/mol
- CAS [1336-21-6]
- Density: 0,90

- Melting point: -57,5 °C
- Boiling point: 37,7 °C
- UN 2672

GHS information: Danger.
H314 - H400 - H335 - H336
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging	Code
1 l	AM02571000
5 l	AM0257005P
25 l	AM0257025P

Store below 25°C

AM0250 Ammonia, solution 25% w/w, extra pure, Ph Eur



Ammonia water, Ammonium hydroxide solution



- M = 17,03 g/mol
- CAS [1336-21-6]
- Density: 0,90

- Melting point: -57,5 °C
- Boiling point: 37,7 °C
- UN 2672

GHS information: Danger.
H314 - H400 - H335 - H336
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging	Code
1 l	AM02501000
2,5 l	AM02502500
5 l	AM0250005P
25 l	AM0250025P

Store below 25°C

assay (acidimetric, NH₃)..... 25 - 30 %
non-volatile matter..... max. 0,002 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

AM0249 Ammonia, solution 25% w/w, reagent grade, Reag. Ph Eur



Ammonia water, Ammonium hydroxide solution



- M = 17,03 g/mol
- CAS [1336-21-6]
- Density: 0,90

- Melting point: -57,5 °C
- Boiling point: 37,7 °C
- UN 2672

GHS information: Danger.
H314 - H400 - H335 - H336
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging	Code
1 l	AM02491000
2,5 l	AM02492500
5 l	AM0249005P
25 l	AM0249025P

Store below 25°C

assay (acidimetric, NH₃)..... 25 - 30 %

AM0258 Ammonia, solution 25%, eluent additive for LC-MS



Ammonia water, Ammonium hydroxide solution



- M = 17,03 g/mol
- CAS [1336-21-6]
- Density: 0,90

- Melting point: -57,5 °C
- Boiling point: 37,7 °C
- UN 2672

GHS information: Danger.
H314 - H400 - H335 - H336
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging	Code
100 ml	AM02580100

Store below 25°C

assay (acidimetric, NH₃) min. 25 %
suitability for use in LC-MS..... passes test

AM0247 Ammonia, solution 20% w/w, extra pure*Ammonia water*

• M = 17,03 g/mol
• CAS [1336-21-6]

• Density: ~ 0,93
• UN 2672

GHS information: Danger.

H314 - H335 - H336

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AM02471000

2,5 l AM02472500

5 l AM0247005P

25 l AM0247025P

Store between 15°C and 25°C

AM0248 Ammonia, solution 20% w/w, reagent grade*Ammonia water*

• M = 17,03 g/mol
• CAS [1336-21-6]

• Density: ~ 0,93
• UN 2672

GHS information: Danger.

H314 - H335 - H336

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AM02481000

2,5 l AM02482500

5 l AM0248005P

Store between 15°C and 25°C

assay (acidimetric, NH₃)..... min. 20 %**AM0253 Ammonium acetate, extra pure***Acetic acid ammonium salt*

• M = 77,08 g/mol
• CAS [631-61-8]

• Melting point: 114 °C

Packaging Code

500 g AM02530500

1 kg AM02531000

5 kg AM0253005P

assay (acidimetric)..... min. 96 %

humid crystals, colourless

Hygroscopic

Store between 15°C and 25°C

AM0254 Ammonium acetate, reagent grade, ACS, Reag. Ph Eur*Acetic acid ammonium salt*

• M = 77,08 g/mol
• CAS [631-61-8]

• Melting point: 114 °C

Packaging Code

500 g AM02540500

1 kg AM02541000

assay (acidimetric)..... min. 98 %

humid crystals, colourless

Hygroscopic

Store between 15°C and 25°C

AM0255 Ammonium acetate, HPLC grade*Acetic acid ammonium salt*

• M = 77,08 g/mol
• CAS [631-61-8]

• Melting point: 114 °C

Packaging Code

250 g AM02550250

1 kg AM02551000

assay (acidimetric)..... min. 98 %

maximum absorbance of an aqueous

solution (10%) in a 1,0 cm cell at

wavelength:

250 nm..... absorbance:

260 nm..... 0,05 AU

270 nm..... 0,04 AU

280 nm..... 0,03 AU

290 nm..... 0,02 AU

humid crystals, colourless

Hygroscopic

Store between 15°C and 25°C

AM0259 Ammonium acetate, eluent additive for LC-MS*Acetic acid ammonium salt*

• M = 77,08 g/mol
• CAS [631-61-8]

• Melting point: 114 °C

Packaging Code

50 g AM02590050

assay (acidimetric)..... min. 99 %

suitability for use in LC-MS..... passes test

Hygroscopic

Store between 15°C and 25°C

Ammon

AM0271 Ammonium acetate, molecular biology grade

Acetic acid ammonium salt



• M = 77,08 g/mol
• CAS [631-61-8]

• Melting point: 114 °C

humid crystals, colourless

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric) min. 98 %
DNases, RNases, Proteases non detected

Packaging Code
250 g  AM02710250
500 g  AM02710500

AM0230 Ammonium acetate, solution 1 mol/l, buffered at pH = 7



• M = 77,08 g/mol

• CAS [631-61-8]

Store between 15°C and 25°C

Packaging Code
1 l  AM02301000
10 l  AM0230010C

AM0262 Ammonium acetate, solution 10 mmol/l in water, buffered at pH = 7, LC-MS

Store between 15°C and 25°C

GHS information: EUH210

Packaging Code
1 l  AM02621000

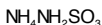
ammonium acetate content (mmol/l)..... 9,5 - 10,5
suitability for use in LC- MS..... passes test

Ammonium alum. See Aluminium ammonium sulfate dodecahydrate page 16

Ammonium aluminium sulfate. See Aluminium ammonium sulfate dodecahydrate page 16

AM0395 Ammonium amidosulfonate, reagent grade, ACS, for determination of sulfonamides in blood

Ammonium sulfamate, Amidosulfonic acid ammonium salt, Sulfanic acid ammonium salt



• M = 114,12 g/mol
• CAS [7773-06-0]

• Melting point: ~ 133 °C

assay (acidimetric)..... min. 99 %

Packaging Code
100 g  AM03950100

Ammonium bicarbonate. See Ammonium hydrogen carbonate page 25

AM0265 Ammonium bromide, extra pure, Ph Eur, BP, NF



• M = 97,94 g/mol
• CAS [12124-97-9]

• Melting point: 542 °C

Hygroscopic

assay (argentometric, on dried substance)..... 98,5 - 100,5 %

Packaging Code
500 g  AM02650500
1 kg  AM02651000
5 kg  AM0265005P

AM0266 Ammonium bromide, reagent grade, ACS



• M = 97,94 g/mol
• CAS [12124-97-9]

• Melting point: 542 °C

Hygroscopic

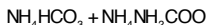
assay (argentometric)..... min. 99 %

Packaging Code
500 g  AM02660500
1 kg  AM02661000

AM0268 Ammonium carbonate, reagent grade, ACS



Salt of hartshorn



• CAS [10361-29-2]

• Melting point: 58 °C (decomposes)

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

500 g AM02680500

1 kg AM02681000

crystals or powder, white

Hygroscopic

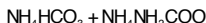
Store between 15°C and 25°C

assay (acidimetric, NH₃)..... min. 30 %

AM0267 Ammonium carbonate, HPLC grade



Salt of hartshorn



• CAS [10361-29-2]

• Melting point: 58 °C (decomposes)

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

250 g AM02670250

crystals or powder, white

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric, NH₃)..... min. 30 %

maximum absorbance of an aqueous

solution (10%) in a 1,0 cm cell at

wavelength:

240 nm..... absorbance:

250 nm..... 0,1 AU

260 nm..... 0,04 AU

280 nm..... 0,02 AU

280 nm..... 0,01 AU

CE0050 Ammonium cerium(IV) nitrate, synthesis grade



di-Ammonium hexanitratocerate (IV), Ceric ammonium nitrate



• M = 548,23 g/mol

• Melting point: ~ 108 °C

• CAS [16774-21-3]

• UN 1477

GHS information: Danger.

H272 - H318

P221 - P210 - P220 - P305+P351+P338 - P310 -

P501a

Packaging Code

100 g CE00500100

500 g CE00500500

1 kg CE00501000

assay (oxidimetric)..... min. 99 %

CE0060 Ammonium cerium(IV) sulfate dihydrate, synthesis grade

Ceric ammonium sulfate, tetra-Ammonium-tetrasulfatocerate (IV)



• M = 632,56 g/mol

• CAS [10378-47-9]

Packaging Code

100 g CE00600100

crystals, powder or granulated powder, orange

assay (oxidimetric)..... min. 95 %

AM0270 Ammonium chloride, extra pure, Ph Eur, BP, USP



Salt ammoniac



• M = 53,49 g/mol

• Melting point: 335 °C

• CAS [12125-02-9]

(decomposes)

GHS information: Warning.

H302 - H319

P280 - P264 - P305+P351+P338 - P301+P312 -

P337+P313 - P501a

Packaging Code

500 g AM02700500

1 kg AM02701000

5 kg AM0270005P

crystals, white or almost white

assay (argentometric, on dried substance)..... 99 - 100,5 %

AM0273 Ammonium chloride, reagent grade, ACS, ISO, Reag. Ph Eur



Salt ammoniac



• M = 53,49 g/mol

• Melting point: 335 °C

• CAS [12125-02-9]

(decomposes)

GHS information: Warning.

H302 - H319

P280 - P264 - P305+P351+P338 - P301+P312 -

P337+P313 - P501a

Packaging Code

500 g AM02730500

1 kg AM02731000

5 kg AM0273005P

crystals, white or almost white

assay (argentometric)..... min. 99,5 %

Ammon

AM0274 Ammonium chloride, molecular biology grade



Salt ammoniac

NH_4Cl

• M = 53,49 g/mol
• CAS [12125-02-9]

• Melting point: 335 °C
(decomposes)

crystals, white or almost white

GHS information: Warning.

H302 - H319

P280 - P264 - P305+P351+P338 - P301+P312 -
P337+P313 - P501a

assay (argentometric)..... min. 99,8 %
DNases, RNases, Proteases non detected

Packaging Code

500 g AM02740500

Ammonium citrate dibasic. See di-Ammonium hydrogen citrate page 25

AM0276 Ammonium dichromate, moistened with 0,5 - 3% H_2O , extra pure



Ammonium bichromate, Ammonium pyrochromate

$(\text{NH}_4)_2\text{Cr}_2\text{O}_7$

• M = 252,07 g/mol
• CAS [7789-09-5]

• Melting point: 180 °C
(decomposes, explosion reaction)
• UN 1439

GHS information: Danger.

H272 - H301 - H330 - H334 - H340 - H350 - H360FD -
H372 - H314 - H400 - H410 - H312

P221 - P301+P310 - P303+P361+P533 -
P305+P351+P338 - P310 - P320 - P405 - P501a

assay (iodometric) min. 97 %

Packaging Code

500 g AM02760500

1 kg AM02761000

5 kg AM0276005P

humid crystals, orange

AM0334 Ammonium dihydrogen phosphate, extra pure

Ammonium biphosphate, Ammonium phosphate monobasic, Primary ammonium

$(\text{NH}_4)_2\text{H}_2\text{PO}_4$

• M = 115,03 g/mol
• CAS [7722-76-1]

• Melting point: 190 °C

assay (acidimetric)..... min. 99 %

bright crystals, colourless

Packaging Code

500 g AM03340500

1 kg AM03341000

5 kg AM0334005P

25 kg AM0334025P

AM0335 Ammonium dihydrogen phosphate, reagent grade, ACS, Reag. Ph Eur

Ammonium biphosphate, Ammonium phosphate monobasic, Primary ammonium

$(\text{NH}_4)_2\text{H}_2\text{PO}_4$

• M = 115,06 g/mol
• CAS [7722-76-1]

• Melting point: 190 °C

assay (acidimetric) min. 98 %

bright crystals, colourless

Packaging Code

500 g AM03350500

1 kg AM03351000

5 kg AM0335005P

25 kg AM0335025P

AM0320 Ammonium formate, eluent additive for LC-MS



Formic acid ammonium salt

HCOONH_4

• M = 63,06 g/mol
• CAS [540-69-2]

• Melting point: 116 °C

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

assay (iodometric)..... min. 97 %
suitability for use in LC-MS..... passes test

Packaging Code

50 g AM03200050

AM0349 Ammonium heptamolybdate tetrahydrate, extra pure, USP

Ammonium molybdate, Hexammonium heptamolybdate 4-hydrate

$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

• M = 1235,86 g/mol
• CAS [12054-85-2]

• Melting point: 90 °C (release of
crystalline water)

assay $[(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}]$ 99,3 - 101,8 %

crystals, white

Packaging Code

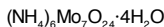
100 g AM03490100

250 g AM03490250

1 kg AM03491000

AM0350 Ammonium heptamolybdate tetrahydrate, reagent grade, ACS,
ISO, Reag. Ph Eur

Ammonium molybdate, Hexammonium heptamolybdate 4-hydrate



• M = 1235,86 g/mol
• CAS [12054-85-2]

• Melting point: 90 °C (release of
crystalline water)

assay $[(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}]$ min. 99 %

crystals, white

Packaging	Code
100 g	AM03500100
250 g	AM03500250
1 kg	AM03501000

AM0330 Ammonium hydrogen carbonate, reagent grade, Reag. Ph Eur



Ammonium bicarbonate



• M = 79,06 g/mol
• CAS [1066-33-7]

• Melting point: 106 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (acidimetric)..... min. 99 %

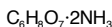
Store below 25°C

Packaging	Code
500 g	AM03300500
1 kg	AM03301000
5 kg	AM0330005P

AM0332 di-Ammonium hydrogen citrate, reagent grade, ACS



Ammonium citrate dibasic



• M = 226,19 g/mol

• CAS [3012-65-5]

GHS information: Warning.

H319

P264 - P264 - P305+P351+P338 - P337+P313

assay 98 - 103 %

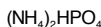
crystals, white or almost white

Packaging	Code
500 g	AM03320500
1 kg	AM03321000
5 kg	AM0332005P
25 kg	AM0332025P

AM0310 di-Ammonium hydrogen phosphate, extra pure, NF



Ammonium biphosphate, Ammonium phosphate dibasic, Fyrex



• M = 132,06 g/mol
• CAS [7783-28-0]

• Melting point: 155 °C
(decomposes)

GHS information: Warning.

H312 - H332

P261 - P280 - P322 - P304+P340 - P312 - P501a

assay (acidimetric)..... min. 99 %

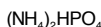
crystals, colourless or white

Packaging	Code
500 g	AM03100500
1 kg	AM03101000
5 kg	AM0310005P

AM0312 di-Ammonium hydrogen phosphate, reagent grade, ACS



Ammonium biphosphate, Ammonium phosphate dibasic, Fyrex



• M = 132,06 g/mol
• CAS [7783-28-0]

• Melting point: 155 °C
(decomposes)

GHS information: Warning.

H312 - H332

P261 - P280 - P322 - P304+P340 - P312 - P501a

assay (acidimetric)..... min. 98 %

crystals, colourless or white

Packaging	Code
500 g	AM03120500
1 kg	AM03121000

AM0480 Ammonium iodide, extra pure



• M = 144,94 g/mol
• CAS [12027-06-4]

• Melting point: 405 °C

assay (argentometric) min. 99 %

Packaging	Code
250 g	AM04800250
1 kg	AM04801000

HI0312 Ammonium iron(III) sulfate dodecahydrate, extra pure

Iron (III) ammonium sulfate, Alum iron, Ferric ammonium alum, Iron alum



• M = 482,19 g/mol
• CAS [7783-83-7]

• Melting point: 39 - 41 °C

assay (iodometric)..... 97 - 102 %

humid crystals, light crystals

Packaging	Code
500 g	HI03120500
1 kg	HI03121000
5 kg	HI0312005P
25 kg	HI0312025P

Ammon

HI0315 Ammonium iron(III) sulfate dodecahydrate, reagent grade, ACS, ISO

Iron (III) ammonium sulfate, Alum iron, Ferric ammonium alum, Iron alum

$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

- M = 482,19 g/mol
- CAS [7783-83-7]

- Melting point: 39 - 41 °C

humid crystals, light violet

assay (iodometric)..... 99,0 - 102,0 %

Packaging Code

500 g HI03150500

1 kg HI03151000

5 kg HI0315005P

25 kg HI0315025P

HI0314 Ammonium iron(II) sulfate hexahydrate, extra pure

Iron(II) ammonium sulfate, Ferrous ammonium sulfate, Mohr's salt

$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$

- M = 392,14 g/mol
- CAS [7783-85-9]

- Melting point: 100 °C

crystals, green-bluish

assay (permanganometric)..... 98 - 101 %

Packaging Code

500 g HI03140500

1 kg HI03141000

5 kg HI0314005P

HI0316 Ammonium iron(II) sulfate hexahydrate, reagent grade, ACS, ISO, Reag. Ph Eur

Iron(II) ammonium sulfate, Ferrous ammonium sulfate, Mohr's salt

$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$

- M = 392,14 g/mol
- CAS [7783-85-9]

- Melting point: 100 °C

crystals, green-bluish

assay (permanganometric)..... 99,0 - 101,5 %

Packaging Code

500 g HI03160500

1 kg HI03161000

5 kg HI0316005P

HI0319 Ammonium iron(III) sulfate, saturated solution

$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

- M = 482,19 g/mol
- CAS [7783-83-7]

- Density: ~ 1,18

Packaging Code

1 l HI03191000

HI0318 Ammonium iron(II) sulfate, solution ~ 0,12 mol/l (0,12 N), for COD determination,

$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$

- M = 392,13 g/mol
- CAS [7783-85-9]

- Density: 1,025

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

1 l HI03181000

HI0317 Ammonium iron(III) sulfate, solution 0,1 mol/l (0,1 N)

$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

- M = 482,19 g/mol
- CAS [7783-83-7]

- Density: 1,025

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

1 l HI03171000

Ammonium metavanadate. See Ammonium monovanadate page 27

Ammonium molybdate. See Ammonium heptamolybdate tetrahydrate page 24

AM0465 Ammonium monovanadate, synthesis grade



Ammonium metavanadate, Ammonium vanadate



- M = 116,98 g/mol
- CAS [7803-55-6]

- Melting point: ~ 200 °C (decomposes)
- UN 2859

GHS information: Danger.

H301 - H332 - H315 - H319 - H335

P261 - P301+P310 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

250 g AM04650250

1 kg AM04651000

granular powder, yellowish

assay (titr. with Fe(II))..... min. 99 %

AM0467 Ammonium monovanadate, reagent grade, ACS



Ammonium metavanadate, Ammonium vanadate



- M = 116,98 g/mol
- CAS [7803-55-6]

- Melting point: ~ 200 °C (decomposes)
- UN 2859

GHS information: Danger.

H301 - H332 - H315 - H319 - H335

P261 - P301+P310 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

100 g AM04670100

250 g AM04670250

1 kg AM04671000

granular powder, yellowish

assay (permanganometric)..... min. 99,5 %

AM0364 di-Ammonium oxalate monohydrate, extra pure



Oxalic acid ammonium salt



- M = 142,11 g/mol
- CAS [6009-70-7]

- Melting point: 70 °C
- UN 2811

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

Packaging Code

500 g AM03640500

1 kg AM03641000

5 kg AM0364005P

25 kg AM0364025P

crystals, white

assay (permanganometric)..... min. 99 %

AM0365 di-Ammonium oxalate monohydrate, reagent grade, ACS, ISO, Reag. Ph Eur



Oxalic acid ammonium salt



- M = 142,11 g/mol
- CAS [6009-70-7]

- Melting point: 70 °C
- UN 2811

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

Packaging Code

250 g AM03650250

500 g AM03650500

1 kg AM03651000

5 kg AM0365005P

crystals, white

assay (permanganometric) 99 - 101 %

AM0370 Ammonium peroxodisulfate, extra pure, Reag. Ph Eur



Ammonium persulfate, Peroxodisulfuric acid diammonium salt



- M = 228,20 g/mol
- CAS [7727-54-0]

- Melting point: 120 °C (decomposes)
- UN 1444

GHS information: Danger.

H334 - H272 - H302 - H335 - H319 - H317

P221 - P210 - P285 - P305+P351+P338 - P405 - P501a

Packaging Code

1kg AM03701000

crystals, bright bright white or yellowish

assay (iodometric)..... min. 98 %

Store below 25°C

AM0371 Ammonium peroxodisulfate, molecular biology grade



Ammonium persulfate, Peroxodisulfuric acid diammonium salt



- M = 228,20 g/mol
- CAS [7727-54-0]

- Melting point: 120 °C (decomposes)
- UN 1444

GHS information: Danger.

H334 - H272 - H302 - H335 - H319 - H317

P221 - P210 - P285 - P305+P351+P338 - P405 - P501a

Packaging Code

25 g AM03710025

100 g AM03710100

crystals, colourless, white or almost white

assay (iodometric)..... min. 98 %

Store below 25°C

Ammonium persulfate. See Ammonium peroxodisulfate page 27

Ammon

Ammonium phosphate dibasic. See di-Ammonium hydrogen phosphate page 25

Ammonium phosphate monobasic. See Ammonium dihydrogen phosphate page 24

Ammonium purpurate, acid. See Murexide page 199

Ammonium sulfamate. See Ammonium amidosulfonate page 22

AM0398 Ammonium sulfate, extra pure



Sulfuric acid diammonium salt



- M = 132,14 g/mol
- CAS [7783-20-2]

- Melting point: 280 °C (decomposes)

GHS information: Warning.
H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

1 kg AM03981000
5 kg AM0398005P

bright crystals, colourless

assay (acidimetric)..... min. 99 %

AM0400 Ammonium sulfate, reagent grade, ACS, ISO, Reag. Ph Eur



Sulfuric acid diammonium salt



- M = 132,14 g/mol
- CAS [7783-20-2]

- Melting point: 280 °C (decomposes)

GHS information: Warning.
H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

500 g AM04000500
1 kg AM04001000
5 kg AM0400005P
25 kg AM0400025P

crystals, colourless

assay (acidimetric)..... min. 99 %

AM0401 Ammonium sulfate, molecular biology grade



Sulfuric acid diammonium salt



- M = 132,14 g/mol
- CAS [7783-20-2]

- Melting point: 280 °C (decomposes)

GHS information: Warning.
H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

100 g AM04010100
1 kg AM04011000

crystals, colourless

assay (acidimetric) min. 99,5 %
DNases, RNases, Proteases non detected

Ammonium sulfocyanide. See Ammonium thiocyanate page 28

AM0410 di-Ammonium tartrate, reagent grade

Tartaric acid diammonium salt



- M = 184,15 g/mol

- CAS [3164-29-2]

Packaging Code

500 g AM04100500
1 kg AM04101000
5 kg AM0410005P

Store between 5°C and 30°C

assay (acidimetric)..... min. 99 %

AM0419 Ammonium thiocyanate, reagent grade, ACS, ISO



Ammonium sulfocyanate, Ammonium rhodanide, Thiocyanic acid ammonium salt



- M = 76,12 g/mol
- CAS [1762-95-4]

- Melting point: 150 °C
- Boiling point: 170 °C (decomposes)

GHS information: Warning.
H302 - H312 - H332 - EUH032
P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

Packaging Code

500 g AM04190500
1 kg AM04191000
5 kg AM0419005P
25 kg AM0419025P

crystals, colourless or white
Hygroscopic

assay (argentometric)..... min. 99 %

AM0421 Ammonium thiocyanate, solution 1 mol/l (1 N)**NH₄SCN**

GHS information: EUH031

Packaging Code• M = 76,12 g/mol
• CAS [1762-95-4]

• Density: 1,01

1 l  AM04211000

Store between 15°C and 25°C

Traceable to SRM from NIST

AM0420 Ammonium thiocyanate, solution 0,1 mol/l (0,1 N)**NH₄SCN****Packaging Code**• M = 76,12 g/mol
• CAS [1762-95-4]

• Density: 1,00

1 l  AM04201000

Traceable to SRM from NIST

AM0418 Ammonium thiocyanate, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,1 N)**NH₄SCN**

GHS information: EUH031

Packaging Code• M = 76,12 g/mol
• CAS [1762-95-4]

• Density: 1,03

u.  AM041800PA

Ammonium vanadate. See Ammonium monovanadate page 27

AM0468 Ampicilline, sodium salt, for biochemical purposes*D(-)-α-Aminobenzylpenicillin sodium salt***C₁₆H₁₈N₃NaO₄S**

GHS information: Danger.

Packaging Code

H334 - H335 - H315 - H319 - H317

5 g  AM04680005• M = 371,39 g/mol
• CAS [69-52-3]

• Melting point: 238 °C

P285 - P261 - P305+P351+P338 - P321 - P405 - P501a

25 g  AM04680025

Hygroscopic

AC0075 Amyl acetate, mixture of isomers, synthesis grade**C₈H₁₄O₂**

GHS information: Warning.

Packaging Code

H226 - EUH066

1 l  AC00751000• M = 130,19 g/mol
• CAS [628-63-7]
• Density: 0,87• Melting point: ~ -70 °C
• Boiling point: ~ 149 °C
• UN 1104

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

2,5 l  AC00752500

total content of isomers (G.C.)..... min. 98 %

AL0127 n-Amyl alcohol, synthesis grade*1-Pentanol, 1-Pentyl alcohol, n-Butyl carbinol***C₅H₁₂O**

GHS information: Warning.

Packaging Code

H226 - H332 - H315 - H335

1 l  AL01271000• M = 88,15 g/mol
• CAS [71-41-0]
• Density: 0,81• Melting point: -79 °C
• Boiling point: 138 °C
• UN 1105

P210 - P241 - P303+P361+P353 - P321 - P405 - P501a

2,5 l  AL012725005 l  AL0127005P25 l  AL0127025A

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

Amyl

AL0128 n-Amyl alcohol, reagent grade



1-Pentanol, 1-Pentyl alcohol, n-Butyl carbinol



- M = 88,15 g/mol
- CAS [71-41-0]
- Density: 0,81

- Melting point: -79 °C
- Boiling point: 138 °C
- UN 1105

GHS information: Warning.

H226 - H332 - H315 - H335

P210 - P241 - P303+P361+P353 - P321 - P405 - P501a

Packaging Code

1 l AL01281000

2,5 l AL01282500

Store between 15°C and 25°C

assay (G.C.).....

min. 99 %

non-volatile matter.....

max. 0,002 %

water (K.F.).....

max. 0,1 %

AN0345 Aniline, synthesis grade



Phenylamine, Aminobenzene



- M = 93,13 g/mol
- CAS [62-53-3]
- Density: 1,03

- Melting point: -6,2 °C
- Boiling point: (20 hPa) 77 °C
- UN 1547

GHS information: Danger.

H301 - H311 - H331 - H372 - H341 - H351 - H318 - H400 - H317

P301+P310 - P305+P351+P338 - P310 - P361 - P405 - P501a

Packaging Code

1 l AN03451000

2,5 l AN03452500

Store between 15°C and 25°C

assay (G.C.).....

min. 99 %

AN0347 Aniline, reagent grade, ACS



Phenylamine, Aminobenzene



- M = 93,13 g/mol
- CAS [62-53-3]
- Density: 1,03

- Melting point: -6,2 °C
- Boiling point: (20 hPa) 77 °C
- UN 1547

GHS information: Danger.

H301 - H311 - H331 - H372 - H341 - H351 - H318 - H400 - H317

P301+P310 - P305+P351+P338 - P310 - P361 - P405 - P501a

Packaging Code

250 ml AN03470250

1 l AN03471000

Store between 15°C and 25°C

assay (G.C.).....

min. 99,5 %

AZ0100 Aniline blue, C.I. 42755, for microscopy

Acid blue 22



- M = 737,72 g/mol

- CAS [28631-66-5]

Packaging Code

25 g AZ01000025

Store between 15°C and 25°C

Anisaldehyde. See 4-Methoxybenzaldehyde page 189

AN0400 Anisole, synthesis grade



Methoxybenzene, Methyl phenyl ether



- M = 108,14 g/mol
- CAS [100-66-3]
- Density: 0,99

- Melting point: -37 °C
- Boiling point: 156 °C
- UN 2222

GHS information: Warning.

H226

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code

250 ml AN04000250

1 l AN04001000

Store between 15°C and 25°C

assay (G.C.)

min. 99,5 %

AN0530 Anthraquinone, synthesis grade

9,10-Dioxoanthracene, 9,10-Dihydro-9,10-anthracenedione



- M = 208,22 g/mol
- CAS [84-65-1]

- Melting point: 282 - 285 °C
- Boiling point: 379 - 381 °C

assay (HPLC).....

min. 98 %

Packaging Code

250 g AN05300250

1 kg AN05301000

AN0532 Anthraquinone, reagent grade

9,10-Dioxoanthracene, 9,10-Dihydro-9,10-anthracenedione



• M = 208,22 g/mol
• CAS [84-65-1]

• Melting point: 282 - 285 °C
• Boiling point: 379 - 381 °C

assay (HPLC)..... min. 99 %

Packaging Code
25 g AN05320025
100 g AN05320100

AN0420 Antimony, granulated, extra pure


Sb

• M = 121,75 g/mol
• CAS [7440-36-0]

• Melting point: 630 °C
• Boiling point: 1637 °C

GHS information: Warning.
H335
P261 - P304+P340 - P312 - P405 - P403+P233 - P501a

Packaging Code
100 g AN04200100

blocks, bright grey, up to 3cm

assay min. 99 %

AN0450 Antimony(III) oxide, synthesis grade


di-Antimony trioxide



• M = 291,50 g/mol
• CAS [1309-64-4]

• Melting point: 656 °C (sublimes)

GHS information: Warning.
H351
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
250 g AN04500250
500 g AN04500500

assay (iodometric)..... min. 99 %

Antimony potassium tartrate. See Potassium antimony(III) tartrate trihydrate page 228

Aquagent. See Karl Fischer reagents, free from pyridine, for volumetric titration page 164

AR0050 D(-)-Arabinose, for biochemistry


• M = 151,13 g/mol
• CAS [28697-53-2]

• Melting point: 158 - 160 °C

floury powder, white

Store between 15°C and 25°C

Packaging Code
5 g AR00500005
25 g AR00500025

AR0120 L-Arginine, extra pure, Ph Eur, BP, USP


2-Amino-5-guanidinovaleric acid



• M = 174,20 g/mol
• CAS [74-79-3]

• Melting point: 216 - 218 °C
(decomposes)

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

powder, white or almost white

Store between 5°C and 30°C

assay (titr. with HClO₄, on dried residual solvents (Ph Eur/ICH))..... excluded by production process

Packaging Code
100 g AR01200100
500 g AR01200500

AR0125 L-Arginine monohydrochloride, extra pure, Ph Eur, BP, USP

α-Amino-δ-guanidino valerianic acid hydrochloride



• M = 210,86 g/mol
• CAS [1119-34-2]

• Melting point: 218 - 220 °C
(decomposes)

assay (titr. with HClO₄, referred to anhydrous substance) 98,5 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by production process

crystals, white or almost white

Store between 5°C and 30°C

Packaging Code
50 g AR01250050
250 g AR01250250

Ascor

AC0515 L-(+)-Ascorbic acid, reagent grade, ACS, ISO

Vitamin C, 3-Oxo-L-gulonic acid-γ-lactone



• M = 176,13 g/mol
• CAS [50-81-7]

• Melting point: 190 - 192 °C
(decomposes)

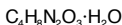
bright crystals , white

assay (iodometric)..... min. 99,7 %

Packaging	Code
100 g	AC05150100
250 g	AC05150250
1 kg	AC05151000
5 kg	AC0515005P
25 kg	AC0515025P

AS0015 L-Asparagine monohydrate, extra pure, Ph Eur, BP

Asparaginic acid semiamide



• M = 150,14 g/mol
• CAS [5794-13-8]

• Melting point: 215 - 217 °C
(decomposes)

Store between 5°C and 30°C

assay (titr. with HClO₄, on dried substance)..... 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging	Code
25 g	AS00150025
100 g	AS00150100

AC0529 L-Aspartic acid, extra pure, Ph Eur, BP, USP

L-α-Aminosuccinic acid



• M = 133,10 g/mol
• CAS [56-84-8]

• Melting point: 269 - 271 °C

bright crystals, colourless or white

Store between 15°C and 25°C

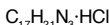
assay (acidimetric, on dried substance) 98,5 - 101,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging	Code
100 g	AC05290100
500 g	AC05290500
5 kg	AC0529005P

AU0015 Auramine, carbol solution



4,4'-bis-(Dimethylamino)-benzophenonimide hydrochloride



• CAS [2465-27-2]
• Density: 0,93

• UN 1992

GHS information: Danger.
H226 - H330 - H370
P210 - P303+P361+P353 - P310 - P320 - P405 -
P501a

Packaging	Code
1 l	AU00151000

Aurin tricarboxylic acid ammonium salt. See Aluminon page 18

AZ0365 Azure II, C.I. 52010/52015, for microscopy



Mixture of Azure B and Methylene blue in equal amounts

• CAS [37247-10-2]

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

Store between 15°C and 25°C

Packaging	Code
10 g	AZ03650010

AZ0390 Azur eosin methylene blue dye, according to Giemsa

Azure eosin methylene blue

• CAS [51811-82-6]

crystalline powder, dark blue

Store between 15°C and 25°C

Packaging	Code
100 g	AZ03900100

AZ0391 Azur eosin methylene blue solution (in methanol), according to Giemsa, modified, for microscopy

• Density: 0,99
• Boiling point: > 65 °C

• UN 1992

GHS information: Danger.
H225 - H301 - H311 - H330 - H370
P301+P310 - P303+P361+P353 - P310 - P320 - P361 -
P405 - P501a

Packaging Code
500 ml AZ03910500
2,5 l AZ03912500

Store between 15°C and 25°C

BA0040 Barium acetate, reagent grade, ACS

Acetic acid barium salt

$\text{Ba}(\text{CH}_3\text{COO})_2$

• M = 255,43 g/mol
• CAS [543-80-6]

• Melting point: ~ 450 °C
• UN 1564

GHS information: Warning.
H302 - H332
P261 - P264 - P301+P312 - P304+P340 - P312 -
P501a

Packaging Code
500 g BA00400500
1 kg BA00401000
5 kg BA0040005P
25 kg BA0040025P

assay (complexometric)..... 99 - 102 %

BA0053 Barium chloride dihydrate, extra pure

$\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$

• M = 244,28 g/mol
• CAS [10326-27-9]

• Melting point: 962 °C (release of
crystalline water)
• UN 1564

GHS information: Warning.
H302 - H332
P261 - P264 - P301+P312 - P304+P340 - P312 -
P501a

Packaging Code
500 g BA00530500
1 kg BA00531000
5 kg BA0053005P
25 kg BA0053025P

Store between 15°C and 25°C

assay (complexometric)..... 99 - 102 %

BA0055 Barium chloride dihydrate, reagent grade, ACS, ISO, Reag. Ph Eur

$\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$

• M = 244,28 g/mol
• CAS [10326-27-9]

• Melting point: 962 °C (release of
crystalline water)
• UN 1564

GHS information: Warning.
H302 - H332
P261 - P264 - P301+P312 - P304+P340 - P312 -
P501a

Packaging Code
500 g BA00550500
1 kg BA00551000
5 kg BA0055005P
25 kg BA0055025P

Store between 15°C and 25°C

assay (complexometric)..... min. 99 %

BA0056 Barium chloride, solution 10% w/v

BaCl_2

• M = 208,25 g/mol
• CAS [10361-37-2]

• Density: 1,08
• UN 3287

GHS information: Warning.
H302 - H332
P261 - P264 - P301+P312 - P304+P340 - P312 -
P501a

Packaging Code
500 ml BA00560500

Store between 15°C and 25°C

BA0063 Barium hydroxide octahydrate, extra pure

Caustic baryta, Barium oxide hydrate octahydrate

$\text{Ba}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$

• M = 315,48 g/mol
• CAS [12230-71-6]

• Melting point: 78 °C
• UN 2923

GHS information: Warning.
H302 - H332
P261 - P264 - P301+P312 - P304+P340 - P312 -
P501a

Packaging Code
500 g BA00630500
1 kg BA00631000
5 kg BA0063005P
25 kg BA0063025P

crystals, white

assay (complexometric)..... min. 97 %

BA0065 Barium hydroxide octahydrate, reagent grade, ACS, ISO, Reag. Ph Eur

Caustic baryta, Barium oxide hydrate octahydrate

$\text{Ba}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$

• M = 315,48 g/mol
• CAS [12230-71-6]

• Melting point: 78 °C
• UN 2923

GHS information: Warning.
H302 - H332
P261 - P264 - P301+P312 - P304+P340 - P312 -
P501a

Packaging Code
500 g BA00650500
1 kg BA00651000

crystals, white

assay (acidimetric)..... min. 98 %

Barium

BA0073 Barium nitrate, extra pure



Nitric acid barium salt



- M = 261,35 g/mol
- CAS [10022-31-8]

- Melting point: 592 - 595 °C
- UN 1446

GHS information: Warning.

H302 - H332

P261 - P264 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code

500 g BA00730500

1 kg BA00731000

5 kg BA0073005P

25 kg BA0073025P

assay (complexometric)..... min. 99 %

BA0075 Barium nitrate, reagent grade, ACS, Reag. Ph Eur



Nitric acid barium salt



- M = 261,35 g/mol
- CAS [10022-31-8]

- Melting point: 592 - 595 °C
- UN 1446

GHS information: Warning.

H302 - H332

P261 - P264 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code

250 g BA00750250

500 g BA00750500

1 kg BA00751000

5 kg BA0075005P

25 kg BA0075025P

assay (complexometric)..... min. 99 %

BA0080 Barium sulfate, extra pure, Ph Eur, BP

Sulfuric acid barium salt, Blanc fixe



- M = 233,40 g/mol
- CAS [7727-43-7]

- Melting point: 1580 °C

powder, white

residual solvents (Ph Eur/ICH).....

excluded by production process

Packaging Code

500 g BA00800500

1 kg BA00801000

5 kg BA0080005P

25 kg BA0080025P

RE0100 Barritt's reagent, for microbiology



- Density: 0,82

- UN 1993

GHS information: Danger.

H225 - H318

P210 - P241 - P303+P361+P353 - P305+P351+P338 - P310 - P501a

Packaging Code

100 ml RE0100G100

RE0001 Benedict's reagent, for qualitative determination of sugar



- CAS [63126-89-6]

- Density: 1,19

GHS information: Warning.

H319 - H412

P264 - P273 - P280 - P305+P351+P338 - P337+P313 - P501a

Packaging Code

500 ml RE00010500

1 l RE00011000

RE0002 Benedict's reagent, for quantitative determination of sugar

- CAS [63126-89-6]

- Density: 1,23

GHS information: H412 - EUH032

P273 - P501a

Packaging Code

500 ml RE00020500

1 l RE00021000

BE0160 Benzaldehyde, synthesis grade



Benzoic aldehyde, Bitter almond oil



- M = 106,13 g/mol
- CAS [100-52-7]
- Density: 1,05

- Melting point: -56 °C
- Boiling point: 179 °C
- UN 1990

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

1 l BE01601000

2,5 l BE01602500

5 l BE0160005P

25 l BE0160025P

assay (G.C.) min. 98 %

Store between 15°C and 25°C

BE0155 Benzalkonium chloride, synthesis grade



Alkylbenzyltrimethylammonium chloride, Benzyltrimethylalkylammonium chloride

$C_9H_{13}ClN$

- M = 284 g/mol
- CAS [63449-41-2]

- Melting point: 29 - 34 °C
- UN 3261

GHS information: Danger.

H314 - H400 - H302 - H312

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

250 g BE01550250

1 kg BE01551000

Hygroscopic

Store between 15°C and 25°C

assay (argentometric, ref. to dried substance.)..... min. 98 %

BE0030 Benzene, synthesis grade



Cyclohexatriene

C_6H_6

- M = 78,11 g/mol
- CAS [71-43-2]
- Density: 0,88

- Melting point: 5,5 °C
- Boiling point: 80,1 °C
- UN 1114

GHS information: Danger.

H225 - H340 - H350 - H372 - H304 - H315 - H319

P210 - P301+P310 - P303+P361+P353 -

P305+P351+P338 - P405 - P501a

Packaging Code

1 l BE00301000

5 l BE0030005P

25 l BE0030025P

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

BE0031 Benzene, extra pure



Cyclohexatriene

C_6H_6

- M = 78,11 g/mol
- CAS [71-43-2]
- Density: 0,88

- Melting point: 5,5 °C
- Boiling point: 80,1 °C
- UN 1114

GHS information: Danger.

H225 - H340 - H350 - H372 - H304 - H315 - H319

P210 - P301+P310 - P303+P361+P353 -

P305+P351+P338 - P405 - P501a

Packaging Code

1 l BE00311000

2,5 l BE00312500

5 l BE0031005P

25 l BE0031025A

25 l BE0031025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

BE0033 Benzene, reagent grade, ACS, ISO, Reag. Ph Eur



Cyclohexatriene

C_6H_6

- M = 78,11 g/mol
- CAS [71-43-2]
- Density: 0,88

- Melting point: 5,5 °C
- Boiling point: 80,1 °C
- UN 1114

GHS information: Danger.

H225 - H340 - H350 - H372 - H304 - H315 - H319

P210 - P301+P310 - P303+P361+P353 -

P305+P351+P338 - P405 - P501a

Packaging Code

1 l BE00331000

2,5 l BE00332500

5 l BE0033005L

25 l BE0033025A

25 l BE0033025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,7 %

BE0034 Benzene, dried (max. 0,01% H₂O), reagent grade



Cyclohexatriene

C_6H_6

- M = 78,11 g/mol
- CAS [71-43-2]
- Density: 0,88

- Melting point: 5,5 °C
- Boiling point: 80,1 °C
- UN 1114

GHS information: Danger.

H225 - H340 - H350 - H372 - H304 - H315 - H319

P210 - P301+P310 - P303+P361+P353 -

P305+P351+P338 - P405 - P501a

Packaging Code

1 l BE00341000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,7 %

Benze

BE0041 Benzene, Multisolvent® HPLC grade ACS ISO UV-VIS



Cyclohexatriene



- M = 78,11 g/mol
- CAS [71-43-2]
- Density: 0,88
- Melting point: 5,5 °C
- Boiling point: 80,1 °C
- UN 1114

Store between 15°C and 25°C

GHS information: Danger.
H225 - H340 - H350 - H372 - H304 - H315 - H319
P210 - P301+P310 - P303+P361+P353 -
P305+P351+P338 - P405 - P501a

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,02 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
280 nm..... 25 % 0,602 AU
290 nm..... 80 % 0,097 AU
320 nm..... 95 % 0,022 AU
300 nm..... 90 % 0,046 AU
340 nm..... 98 % 0,009 AU
Microfiltered through membranes
of pore diameter 0,22 µm

Packaging Code

1 l BE00411000
2,5 l BE00412500
4 l BE00414000
7 l BE0041007E
25 l BE0041025S

BE0035 Benzene, spectroscopy grade, Spectrosoi®



Cyclohexatriene



- M = 78,11 g/mol
- CAS [71-43-2]
- Density: 0,88
- Melting point: 5,5 °C
- Boiling point: 80,1 °C
- UN 1114

Store between 15°C and 25°C

GHS information: Danger.
H225 - H340 - H350 - H372 - H304 - H315 - H319
P210 - P301+P310 - P303+P361+P353 -
P305+P351+P338 - P405 - P501a

assay (G.C.)..... min. 99,8 %
minimum transmission /max. absorbance
wavelength: T (%) A (AU)
280 nm..... 25 % 0,602 AU
290 nm..... 80 % 0,097 AU
300 nm..... 90 % 0,046 AU
320 nm..... 95 % 0,022 AU
340 nm..... 98 % 0,009 AU

Packaging Code

1 l BE00351000
2,5 l BE00352500

BE0032 Benzene, 99,7%, anhydrous (max. 0,005 % H₂O)



Cyclohexatriene



- M = 78,11 g/mol
- CAS [71-43-2]
- Density: 0,88
- Melting point: 5,5 °C
- Boiling point: 80,1 °C
- UN 1114

Store between 15°C and 25°C

GHS information: Danger.
H225 - H340 - H350 - H372 - H304 - H315 - H319
P210 - P301+P310 - P303+P361+P353 -
P305+P351+P338 - P405 - P501a

assay (G.C.)..... min. 99,7 %
water (K.F.)..... max. 0,005 %

Packaging Code

100 ml BE00320100
500 ml BE00320500
1 l BE00321000

BE0038 Benzene, 99,5%, anhydrous (max. 0,005 % H₂O), with molecular sieves



Cyclohexatriene



- M = 78,11 g/mol
- CAS [71-43-2]
- Density: 0,88
- Melting point: 5,5 °C
- Boiling point: 80,1 °C
- UN 1114

Store between 15°C and 25°C

GHS information: Danger.
H225 - H340 - H350 - H372 - H304 - H315 - H319
P210 - P301+P310 - P303+P361+P353 -
P305+P351+P338 - P405 - P501a

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

Packaging Code

1 l BE00381000

BE0037 Benzene, for liquid scintillation, Normascint®



Cyclohexatriene



- M = 78,11 g/mol
- CAS [71-43-2]
- Density: 0,88
- Melting point: 5,5 °C
- Boiling point: 80,1 °C
- UN 1114

Store between 15°C and 25°C

GHS information: Danger.
H225 - H340 - H350 - H372 - H304 - H315 - H319
P210 - P301+P310 - P303+P361+P353 -
P305+P351+P338 - P405 - P501a

Packaging Code

1 l BE00371000

BE0040 Benzene-d₆, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®



Hexadeuterobenzene



- M = 84,15 g/mol
- CAS [1076-43-3]
- Density: 0,95

- Melting point: 6,7 °C
- Boiling point: 79 °C
- UN 1114

GHS information: Danger.
H225 - H301 - H311 - H330 - H350
P301+P310 - P303+P361+P353 - P310 - P320 - P361 -
P405 - P501a

Packaging Code
10 ml BE00400010
100 ml BE00400100

Store between 15°C and 25°C

BE0042 Benzene-d₆, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®



Hexadeuterobenzene



- M = 84,15 g/mol
- CAS [1076-43-3]
- Density: 0,95

- Melting point: 6,7 °C
- Boiling point: 79 °C
- UN 1114

GHS information: Danger.
H225 - H301 - H311 - H330 - H350
P301+P310 - P303+P361+P353 - P310 - P320 - P361 -
P405 - P501a

Packaging Code
x10x0,75 BE0042.750
10 ml BE00420010

Store between 15°C and 25°C

Benzenecarboxylic acid. See Benzoic acid page 37

1,2-Benzenedicarboxylic acid. See ortho-Phthalic acid page 224

Benzethonium chloride. See Hyamine® 1622 page 147

AC0563 Benzoic acid, synthesis grade



Benzenecarboxylic acid, Phenylformic acid



- M = 122,12 g/mol
- CAS [65-85-0]

- Melting point: 121,5 - 123,0 °C
- Boiling point: ~ 249 °C

GHS information: Warning.
H302 - H319
P280 - P264 - P305+P351+P338 - P301+P312 -
P337+P313 - P501a

Packaging Code
500 g AC05630500
1 kg AC05631000
5 kg AC0563005P
25 kg AC0563025P

irregular crystals or flakes, white

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,5 %

AC0565 Benzoic acid, reagent grade, ACS



Benzenecarboxylic acid, Phenylformic acid



- M = 122,12 g/mol
- CAS [65-85-0]

- Melting point: 121,5 - 123,0 °C
- Boiling point: ~ 249 °C

GHS information: Warning.
H302 - H319
P280 - P264 - P305+P351+P338 - P301+P312 -
P337+P313 - P501a

Packaging Code
500 g AC05650500
1 kg AC05651000
5 kg AC0565005P
25 kg AC0565025P

irregular crystals or flakes, white

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,9 %

AC0566 Benzoic acid, secondary standard for volumetric titrations, Titrasure®



Benzenecarboxylic acid, Phenylformic acid



- M = 122,12 g/mol
- CAS [65-85-0]

- Melting point: 121,5 - 123,0 °C
- Boiling point: ~ 249 °C

GHS information: Warning.
H302 - H319
P280 - P264 - P305+P351+P338 - P301+P312 -
P337+P313 - P501a

Packaging Code
80 g AC05660080

Store between 15°C and 25°C

Traceable to SRM from NIST

assay (on dried sample)..... min. 99,5 %

Benzo

BE0270 Benzoin, synthesis grade

α-Hydroxy-α-phenylacetophenone



- M = 212,25 g/mol
- CAS [119-53-9]

- Melting point: 132 - 134 °C
- Boiling point: 344 °C

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

Packaging Code

250 g  BE02700250
1 kg  BE02701000

BE0245 Benzophenone, synthesis grade



Diphenyl ketone



- M = 182,22 g/mol
- CAS [119-61-9]
- Melting point: 47 - 49 °C

- Boiling point: 304 - 306 °C
- UN 3077

GHS information: Warning.
H400 - H410
P273 - P391 - P501a

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

Packaging Code

250 g  BE02450250
1 kg  BE02451000

BE0255 Benzoylacetone, extra pure

1-Phenyl-1,3-butanedione



- M = 162,19 g/mol
- CAS [93-91-4]

- Melting point: 57 - 59 °C

assay (G.C.) min. 99 %

bright crystals, almost white

Packaging Code

25 g  BE02550025
100 g  BE02550100

CL0270 Benzoyl chloride, synthesis grade



Benzenecarbonyl chloride, Benzoic acid chloride



- M = 140,57 g/mol
- CAS [98-98-4]
- Density: 1,21

- Melting point: -0,6 °C
- Boiling point: (4 hPa) 49 °C
- UN 1736

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

assay (G.C.)..... min. 99 %

Packaging Code

1 l  CL02701000

PE0165 Benzoyl peroxide, moistened with 25% H₂O, synthesis grade



Dibenzoyl peroxide



- M = 242,23 g/mol
- CAS [94-36-0]

- Melting point: 100 - 105 °C (decomposes)
- UN 3104

GHS information: Danger.
H241 - H319 - H317
P210 - P305+P351+P338 - P321 - P410 - P235 -
P501a

powder, white

Store between 15°C and 25°C

Packaging Code

100 g  PE01650100
250 g  PE01650250
1 kg  PE01651000

PE0160 Benzoyl peroxide, moistened with 25% H₂O, extra pure, Ph Eur, BP, USP



Dibenzoyl peroxide



- M = 242,23 g/mol
- CAS [94-36-0]

- Melting point: 100 - 105 °C (decomposes)
- UN 3104

GHS information: Danger.
H241 - H319 - H317
P210 - P305+P351+P338 - P321 - P410 - P235 -
P501a

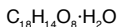
powder, white

Store between 15°C and 25°C

assay (iodometric)..... 65 - 82 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code

100 g  PE01600100
250 g  PE01600250

AC0825 Di-O-benzoyl-L-tartaric acid, for resolution of racemates*(2R,3R)-(-)-di-o-Benzoyl tartaric acid monohydrate*

- M = 358,31 g/mol
- CAS [62708-56-9]
- Melting point: 87 - 90 °C

Store between 15°C and 25°C

Packaging Code
 100 g  AC08250100
AC0080 Benzyl acetate, synthesis grade*Acetic acid benzyl ester*

- M = 150,18 g/mol
- CAS [140-11-4]
- Density: 1,06
- Melting point: -51 °C
- Boiling point: 205 - 207 °C

assay (G.C.) min. 99 %

Packaging Code
 1 l  AC00801000
BE0070 Benzylacetone, synthesis grade*4-Phenyl-2-butanone*

- M = 148,21 g/mol
- CAS [2550-26-7]
- Density: 0,99
- Boiling point: 235 °C

assay (G.C.) min. 99 %

Packaging Code
 250 ml  BE00700250
AL0160 Benzyl alcohol, synthesis grade*Phenylmethanol, Phenylcarbinol*

- M = 108,14 g/mol
- CAS [100-51-6]
- Density: 1,05
- Melting point: -15,3 °C
- Boiling point: 205 °C

 GHS information: Warning.
 H302 - H332
 P261 - P264 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code
 1 l  AL01601000
 2,5 l  AL01602500
 5 l  AL0160005P
 25 l  AL0160025A

Store between 15°C and 25°C

assay (G.C.) min. 99 %

AL0162 Benzyl alcohol, extra pure, Ph Eur, BP, NF*Phenylmethanol, Phenylcarbinol*

- M = 108,14 g/mol
- CAS [100-51-6]
- Density: 1,05
- Melting point: -15,3 °C
- Boiling point: 205 °C

 GHS information: Warning.
 H302 - H332
 P261 - P264 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code
 1 l  AL01621000
 2,5 l  AL01622500
 5 l  AL0162005P
 25 l  AL0162025A

Store between 15°C and 25°C

 assay (G.C.) 98 - 100,5 %
 other residual solvents(Ph Eur/ICH) excluded by
 production process
AL0164 Benzyl alcohol, (benzaldehyde ≤ 0,05 %), extra pure, Ph Eur, BP, NF*Phenylmethanol, Phenylcarbinol*

- M = 108,14 g/mol
- CAS [100-51-6]
- Density: 1,05
- Melting point: -15,3 °C
- Boiling point: 205 °C

 GHS information: Warning.
 H302 - H332
 P261 - P264 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code
 1 l  AL01641000
 2,5 l  AL01642500
 25 l  AL0164025A

Store between 15°C and 25°C

 assay (G.C.) 98 - 100,5 %
 other residual solvents(Ph Eur/ICH) excluded by
 production process

Benzy

AL0161 Benzyl alcohol, reagent grade, Reag. Ph Eur



Phenylmethanol, Phenylcarbinol



- M = 108,14 g/mol
- CAS [100-51-6]
- Density: 1,05

- Melting point: -15,3 °C
- Boiling point: 205 °C

GHS information: Warning.

H302 - H332

P261 - P264 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code

1 l AL01611000

2,5 l AL01612500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

AL0163 Benzyl alcohol, 99,5%, anhydrous (max. 0,01% H₂O)



Phenylmethanol, Phenylcarbinol



- M = 108,14 g/mol
- CAS [100-51-6]
- Density: 1,05

- Melting point: -15,3 °C
- Boiling point: 205 °C

GHS information: Warning.

H302 - H332

P261 - P264 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code

100 ml AL01630100

500 ml AL01630500

1 l AL01631000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,01 %

BE0075 Benzylamine, synthesis grade



Phenylmethanamine



- M = 107,16 g/mol
- CAS [100-46-9]
- Density: 0,98

- Melting point: 10 °C
- Boiling point: 185 °C
- UN 2735

GHS information: Danger.

H314 - H302 - H312

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

250 ml BE00750250

1 l BE00751000

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

BE0185 Benzyl benzoate, extra pure, Ph Eur, BP, USP



Benzoic acid benzyl ester



- M = 212,25 g/mol
- CAS [120-51-4]
- Density: 1,12

- Melting point: 21 °C
- Boiling point: 324 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

1 l BE01851000

Store between 15°C and 25°C

assay (acidimetric, after
saponification) 99 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Benzylcarbinol. See 2-Phenylethanol page 222

CL0250 Benzyl chloride, synthesis grade



α-Chlorotoluene, Chloromethylbenzene



- M = 126,59 g/mol
- CAS [100-44-7]
- Density: 1,10

- Melting point: -41,2 °C
- Boiling point: (79 hPa) 100 °C
- UN 1738

GHS information: Danger.

H331 - H350 - H373 - H318 - H302 - H315 - H335

P260 - P305+P351+P338 - P310 - P321 - P405 - P501a

Packaging Code

1 l CL02501000

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

BE0095 Benzylideneacetone, synthesis grade



4-Phenyl-3-buten-2-one, Methyl styryl ketone, Benzalacetone



- M = 146,19 g/mol
- CAS [122-57-6]

- Melting point: 38 - 41 °C
- Boiling point: 261 °C

GHS information: Warning.

H317

P261 - P280 - P321 - P363 - P333+P313 - P501a

Packaging Code

250 g BE00950250

Store below 15°C

assay (G.C.) min. 98 %

BHT. See 2,6-Di-tert-butyl-4-methylphenol page 85

BI0033 Biphenyl, synthesis grade



Diphenyl, Phenylbenzene



- M = 154,21 g/mol
- CAS [92-52-4]
- Melting point: 68 - 70 °C
- Boiling point: 255 °C
- UN 3077

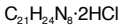
GHS information: Warning.
H400 - H410 - H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code
500 g BI00330500
1 kg BI00331000
5 kg BI0033005P

Store between 15°C and 25°C assay (G.C.)..... min. 99 %

PA0150 Bismarck brown R, C.I. 21010, for microscopy

Basic brown 4, Vesuvlin, 4,4'-(1,3-Phenylenebis(azo))bis(1,3-benzenediamine)



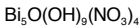
- M = 461,40 g/mol
- CAS [5421-66-9]
- Melting point: 222 °C

Packaging Code
50 g PA01500050

Store between 15°C and 25°C

BI0225 Bismuth(III) hydroxide nitrate, extra pure, Ph Eur, BP, USP

Bismuth subnitrate, Bismuth nitrate basic



- M = 1461,99 g/mol
- CAS [1304-85-4]
- Melting point: 260 °C
- UN 1477

floury powder, white or almost white

assay (complexometric, as Bi, on
dried substance)..... 71 - 74 %
residual solvents (Ph Eur/ICH)..... excluded by
process production

Packaging Code
250 g BI02250250
1 kg BI02251000

BI0200 Bismuth oxide, synthesis grade



- M = 465,96 g/mol
- CAS [1304-76-3]
- Melting point: 817 °C
- Boiling point: 1890 °C

assay (complexometric) min. 99,5 %

Packaging Code
100 g BI02000100

RE0003 Biuret's reagent, for determination of proteins

- Density: 1,06

GHS information: H412
P273

Packaging Code
100 ml RE00030100

DE0011 Bleaching agent, acid solution according to Gram

- Density: 0,90
- UN 1993

contains ethanol, H2O and HCl 37%

Packaging Code
1 l DE00111000

DE0010 Bleaching agent, solution according to Gram



- CAS [37348-17-7]
- Density: 0,79
- UN 1993

GHS information: Danger.
H225 - H319 - H336
P210 - P241 - P303+P361+P533 - P305+P351+P338 -
P405 - P501a

Packaging Code
500 ml DE00100500
2,5 l DE00102500

Store between 15°C and 25°C

contains acetone and ethanol

Blue

AZ0220 Blue tetrazolium, for microscopy



3,3'-(3,3'-Dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis[2,5-diphenyl-2H-tetrazolium] dichloride



• M = 727,66 g/mol
• CAS [1871-22-3]

• Melting point: 245 - 247 °C

GHS information: Danger.

H350

P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code

1 g AZ02200001

5 g AZ02200005

Store between 5°C and 30°C

Borax. See di-Sodium tetraborate anhydrous page 288

AC0577 Boric acid, extra pure, Ph Eur, BP, USP, NF



Orthoboric acid



• M = 61,84 g/mol
• CAS [10043-35-3]

• Melting point: 185 °C
(decomposes)

GHS information: Danger.

H360

P281 - P201 - P202 - P308+P313 - P405 - P501a

crystals, white

assay (acidimetric)..... 99,0 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code

500 g AC05770500

1 kg AC05771000

5 kg AC0577005P

25 kg AC0577025P

AC0578 Boric acid, reagent grade, ACS, ISO, Reag. Ph Eur



Orthoboric acid



• M = 61,84 g/mol
• CAS [10043-35-3]

• Melting point: 185 °C
(decomposes)

GHS information: Danger.

H360

P281 - P201 - P202 - P308+P313 - P405 - P501a

crystals, white

assay (acidimetric)..... min. 99,8 %

Packaging Code

500 g AC05780500

1 kg AC05781000

5 kg AC0578005P

25 kg AC0578025P

AC0580 Boric acid, molecular biology grade



Orthoboric acid



• M = 61,84 g/mol
• CAS [10043-35-3]

• Melting point: 185 °C
(decomposes)

GHS information: Danger.

H360

P281 - P201 - P202 - P308+P313 - P405 - P501a

crystals, white

assay (acidimetric)..... min. 99,5 %
DNases, RNases, Proteases non detected

Packaging Code

500 g AC05800500

1 kg AC05801000

5 kg AC0580005P

AC0579 Boric acid, solution 4% w/v



Orthoboric acid solution



• M = 61,83 g/mol
• CAS [10043-35-3]

• Density: 1,015

GHS information: Danger.

H360 - EUH210

P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code

1 l AC05791000

5 l AC0579005P

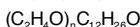
Store between 15°C and 25°C

BR0017 Brij® 35

(Brij is a trademark of ICI America Inc.)



Polyoxyethylene lauryl ether, Polyethyleneglycol lauryl ether



• CAS [9002-92-0]
• Melting point: 36 - 42 °C

• Boiling point: > 100 °C

GHS information: Warning.

H302 - H319

P280 - P264 - P305+P351+P338 - P301+P312 -
P337+P313 - P501a

pellets, white

Store between 15°C and 25°C

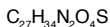
Packaging Code

250 g BR00170250

1 kg BR00171000

VE0060 Brilliant green, C.I. 42040, for microscopy


Diamond green G, Ethyl green, Solid green



• M = 482,64 g/mol
• CAS [633-03-4]

• Melting point: ~ 180 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

25 g VE00600025

50 g VE00600050

100 g VE00600100

Store between 5°C and 30°C

BR0070 Bromide-bromate, solution 0,05 mol/l (0,1 N), according to ASTM D5776-99


• Density: ~ 1,018

• UN 3287

GHS information: Danger.

H350

P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code

1 l BR00701000

Store between 15°C and 25°C

Traceable to SRM from NIST

Bromine cyanide. See Cyanogen bromide page 80

ME0736 Bromine index solution, according to ASTM D5776-99


• Density: 1,03

• UN 1760

GHS information: Danger.

H226 - H312 - H314 - H371

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l ME07361000

2,5 l ME07362500

AG0005 Bromine water, saturated solution


• M = 159,92 g/mol
• CAS [7726-95-6]

• Density: ~ 1,008
• UN 2922

GHS information: Danger.

H318 - H315

P280 - P305+P351+P338 - P310 - P321 - P362 -

P332+P313

Packaging Code

500 ml AG00050500

Store between 15°C and 25°C

BR0030 p-Bromoacetanilide, extra pure


N-Acetyl-p-bromoaniline, 4'-Bromoacetanilide



• M = 214,07 g/mol
• CAS [108-86-1]
• CAS [103-88-8]

• Melting point: 164 - 167 °C
• UN 2514

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

100 g BR00300100

assay (HPLC) min. 98 %

BR0060 Bromobenzene, synthesis grade


Phenyl bromide



• M = 157,02 g/mol
• CAS [108-86-1]
• Density: 1,49

• Melting point: -31 °C
• Boiling point: 156 °C
• UN 2514

GHS information: Warning.

H226 - H315 - H411

P210 - P241 - P280 - P303+P361+P353 - P321 -

P501a

Packaging Code

250 ml BR00600250

1 l BR00601000

Store between 15°C and 25°C

assay (G.C.) min. 99 %

5-Bromo-4-chloro-3-indolyl-b-D-galactopyranoside. See X-Gal page 344

Bromo

VE0070 Bromocresol green, indicator

3,3',5,5'-Tetrabromo-m-cresolsulfonphthalein, BCG

$C_{21}H_{14}Br_4O_5S$

• M = 698,04 g/mol

• CAS [76-60-8]

powder, cream

Packaging Code

1 g  VE00700001

5 g  VE00700005

25 g  VE00700025

VE0075 Bromocresol green, solution 0,04%, indicator

3,3',5,5'-Tetrabromo-m-cresolsulfonphthalein, BCG

$C_{21}H_{14}Br_4O_5S$

• M = 698,04 g/mol

• CAS [76-60-8]

GHS information: EUH210

Packaging Code

100 ml  VE00750100

Store between 15°C and 25°C

PU0020 Bromocresol purple, indicator

5',5''-Dibromo-o-cresolsulfonphthalein

$C_{21}H_{16}Br_2O_5S$

• M = 540,24 g/mol

• CAS [115-40-2]

powder, slightly pink

Store between 5°C and 30°C

Packaging Code

5 g  PU00200005

25 g  PU00200025

Bromocyan. See Cyanogen bromide page 80

AZ0125 Bromophenol blue, indicator, ACS

BPB, 3,3',5,5'-Tetrabromophenolsulfonphthalein

$C_{19}H_{10}Br_4O_5S$

• M = 669,96 g/mol

• CAS [115-39-9]

• Melting point: 273 °C
(decomposes)

powder, slightly pink

Store between 5°C and 30°C

Packaging Code

5 g  AZ01250005

25 g  AZ01250025

AZ0126 Bromophenol blue, solution 0,04%, indicator

BPB

$C_{19}H_{10}Br_4O_5S$

• M = 669,96 g/mol

• CAS [115-39-9]

GHS information: EUH210

Packaging Code

100 ml  AZ0126G100

Store between 15°C and 25°C

BR0120 N-Bromosuccinimide, extra pure



NBS

$C_4H_4BrNO_2$

• M = 177,99 g/mol

• CAS [128-08-5]

• Melting point: 174 - 179 °C

• UN 1759

GHS information: Warning.

H302 - H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 -

P501a

Packaging Code

250 g  BR01200250

1 kg  BR01201000

Store between 2°C and 8°C

assay (iodometric) min. 99 %

AZ0130 Bromothymol blue, indicator, ACS

3',3''-Dibromothymol-sulfonphthalein, BTB



• M = 624,40 g/mol • CAS [76-59-5]

powder, reddish-brown
Store between 5°C and 30°C

Packaging	Code
5 g	AZ01300005
25 g	AZ01300025

BR0269 Brucine, synthesis grade



2,3-Dimethoxystrychnine



• M = 394,45 g/mol • Melting point: 176 - 180 °C
• CAS [357-57-3] • UN 1570

GHS information: Danger.
H300 - H330 - H412
P260 - P301+P310 - P310 - P320 - P405 - P501a

Store between 15°C and 25°C

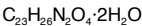
assay (DSC, on dried substance) min. 98,5 %

Packaging	Code
10 g	BR02690010
100 g	BR02690100

BR0270 Brucine dihydrate, reagent grade



2,3-Dimethoxystrychnine dihydrate



• M = 430,50 g/mol • UN 1570
• CAS [145428-94-0]

GHS information: Danger.
H300 - H330 - H412
P260 - P301+P310 - P310 - P320 - P405 - P501a

Store between 15°C and 25°C

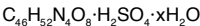
assay (titr. with HClO4)..... min. 99 %

Packaging	Code
5 g	BR02700005
25 g	BR02700025

BR0275 Brucine sulfate hydrate, reagent grade



2,3-Dimethoxystrychnine sulfate salt



• M = 887,03 g/mol • Melting point: 180 °C
• CAS [652154-10-4] • UN 2811

GHS information: Danger.
H300 - H330 - H412
P260 - P301+P310 - P310 - P320 - P405 - P501a

Store between 15°C and 25°C

assay (titr. with HClO4)..... min. 98 %

Packaging	Code
25 g	BR02750025

Buffer solutions for pH-meter calibration

SO1101 Buffer solution pH = 1,00 (20 °C) (Hydrochloric acid/Sodium chloride)

• Density: ~ 1,00

pH at 20 °C 1,00
uncertainty ± 0,01
This pH buffer solution is traceable to
Standard Reference Material from NIST.

Packaging	Code
250 ml	SO11010250
1 l	SO11011000

SO1022 Buffer solution pH = 2,00 (20 °C) (Citric acid/Sodium hydroxide/Hydrochloric acid)

• Density: ~ 1,00

pH at 20 °C 2,00
uncertainty ± 0,01
This pH buffer solution is traceable to
Standard Reference Material from NIST.

Packaging	Code
250 ml	SO10220250
1 l	SO10221000

SO1023 Buffer solution pH = 3,00 (20 °C) (ortho-Phosphoric acid/Sodium hydroxide)

- Density: $\sim 1,00$

Packaging	Code
250 ml	SO10230250
1 l 	SO10231000

pH at 20 °C..... 3,00
uncertainty ± 0,01
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1004 Buffer solution pH = 4,00 (20 °C) (Potassium hydrogen phthalate)

- Density: 1,01

Store between 15°C and 25°C

Packaging	Code
250 ml (P)	SO10040250
500 ml (P)	SO10040500
1 l (P)	SO10041000
5 l (P)	SO1004005P

pH at 20 °C..... 4,00
uncertainty $\pm 0,01$
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1005 Buffer solution pH = 4,01 (20 °C) (Potassium hydrogen phthalate)

- Density: ~ 1.00

Packaging	Code
250 ml 	SO10050250
1 l 	SO10051000

pH at 20 °C..... 4,01
uncertainty $\pm 0,01$
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1025 Buffer solution pH = 5,00 (20 °C) (Acetic acid/Potassium hydroxide)

- Density: $\sim 1,00$

Packaging	Code
1	SO10250250
1 	SO10251000

pH at 20 °C..... 5,00
uncertainty $\pm 0,01$
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1006 Buffer solution pH = 6,00 (20 °C) (Potassium dihydrogen phosphate/Sodium hydroxide)

- Density: $\sim 1,00$

Packaging	Code
250 ml 	SO10060250
1 l 	SO10061000

pH at 20 °C..... 6,00
uncertainty $\pm 0,01$
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1007 Buffer solution pH = 7,00 (20 °C) (Potassium dihydrogen phosphate/di-Sodium hydrogen phosphate)

- Density: 1,01
- Melting point: -5 °C

- Boiling point: 109 °C

Packaging	Code
250 ml (P)	SO10070250
500 ml (P)	SO10070500
1 l (P)	SO10071000
5 l (P)	SO1007005P

pH at 20 °C..... 7,00
uncertainty $\pm 0,01$
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1008 Buffer solution pH = 7,02 (20 °C)(Potassium dihydrogen phosphate/di-Sodium hydrogen phosphate)

- Density: 1,00
- Melting point: -5 °C

- Boiling point: 109 °C

Packaging	Code
250 ml 	SO10080250
1 l 	SO10081000
5 l 	SO1008005P

pH at 20 °C..... 7,02
uncertainty $\pm 0,01$
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1018 Buffer solution pH = 8,00 (20 °C) (Borate/Hydrochloric acid)

• Density: 1,00

pH = at 20 °C..... 8,00
uncertainty ± 0,01
This pH buffer solution is traceable to
Standard Reference Material from NIST.

Packaging Code
250 ml  SO10180250
1 l  SO10181000

SO1009 Buffer solution pH = 9,00 (20 °C) (Boric acid/Potassium chloride/Sodium hydroxide)



• Density: ~ 1,00

GHS information: Danger.
H360
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
250 ml  SO10090250
1 l  SO10091000
5 l  SO1009005P

pH at 20 °C..... 9,00
uncertainty ± 0,01
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1092 Buffer solution pH = 9,26 (20 °C), (di-Sodium tetraborate decahydrate)



• Density: 1,00

GHS information: Danger.
H360
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
1 l  SO10921000

pH at 20 °C..... 9,26
uncertainty ± 0,01
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1010 Buffer solution pH = 10,00 (20 °C) (Sodium carbonate/Sodium hydrogen carbonate)

• Density: 1,00
• Melting point: -6 °C

• Boiling point: 110 °C

pH at 20 °C..... 10,00
uncertainty ± 0,02
This pH buffer solution is traceable to
Standard Reference Material from NIST.

Packaging Code
250 ml  SO10100250
1 l  SO10101000
5 l  SO1010005P

SO1141 Buffer solution pH = 11,00 (20 °C) (Boric acid/Sodium hydroxide/Potassium chloride)



• Density: 1,01

GHS information: Danger.
H360
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
250 ml  SO11410250
1 l  SO11411000

pH at 20 °C..... 11,00
uncertainty ± 0,02
This pH buffer solution is traceable to
Standard Reference Material from NIST.

SO1142 Buffer solution pH = 12,00 (20 °C) (di-Sodium hydrogen phosphate/Sodium hydroxide)

• Density: ~ 1,01

pH at 20 °C..... 12,00
uncertainty ± 0,02
This pH buffer solution is traceable to
Standard Reference Material from NIST.

Packaging Code
250 ml  SO11420250
1 l  SO11421000

Buffe

SO1143 Buffer solution pH = 13,00 (20 °C) (Potassium chloride/Sodium hydroxide)			
• Density: ~ 1,00		Packaging	Code
		250 ml 	SO11430250
		1 l 	SO11431000
		pH at 20 °C..... 13,00 uncertainty ± 0,02 This pH buffer solution is traceable to Standard Reference Material from NIST.	

Buffer solutions for pH-meter calibration, coloured

SO2004 Buffer solution pH = 4,00 (20 °C), red-coloured			
• Density: ~ 1,00		Packaging	Code
		250 ml 	SO20040250
		1 l 	SO20041000
		pH at 20 °C..... 4,00 uncertainty ± 0,01 This pH buffer solution is traceable to Standard Reference Material from NIST.	

SO2007 Buffer solution pH = 7,00 (20 °C), yellow-coloured			
• Density: ~ 1,005		Packaging	Code
		250 ml 	SO20070250
		1 l 	SO20071000
		pH at 20 °C..... 7,00 uncertainty ± 0,01 This pH buffer solution is traceable to Standard Reference Material from NIST.	

SO2010 Buffer solution pH = 10,00 (20 °C), blue-coloured			
• Density: ~ 1,00		Packaging	Code
		250 ml 	SO20100250
		1 l 	SO20101000
		pH at 20 °C..... 10,00 uncertainty ± 0,02 This pH buffer solution is traceable to Standard Reference Material from NIST.	

SO3004 Buffer solution pH = 4,00 (25 °C), red-coloured			
• Density: ~ 1,00		Packaging	Code
		250 ml 	SO30040250
		1 l 	SO30041000
		pH at 25 °C..... 4,00 uncertainty ± 0,01 This pH buffer solution is traceable to Standard Reference Material from NIST.	

SO3007 Buffer solution pH = 7,00 (25 °C), yellow-coloured			
• Density: ~ 1,00		Packaging	Code
		1 l 	SO30070250
		1 l 	SO30071000
		pH at 25 °C..... 7,00 uncertainty ± 0,01 This pH buffer solution is traceable to Standard Reference Material from NIST.	

SO3010 Buffer solution pH = 10,00 (25 °C), blue-coloured

• Density: ~ 1,00

Packaging	Code
250 ml 	SO30100250
1 l 	SO30101000

pH at 25 °C 10,00
 uncertainty ± 0,02
 This pH buffer solution is traceable to
 Standard Reference Material from NIST.

Buffer solutions for pH-meter calibration, MONOBUF

SO2040 Buffer solution pH = 4,00 (20 °C), red-coloured, MONOBUF®

• Density: ~ 1,00

Packaging	Code
12x30 ml	SO20400360

pH at 20 °C 4,00
 uncertainty ± 0,01
 This pH buffer solution is traceable to
 Standard Reference Material from NIST.

SO2070 Buffer solution pH = 7,00 (20 °C), yellow-coloured, MONOBUF®

• Density: ~ 1,005

Packaging	Code
12x30 ml	SO20700360

pH at 20 °C 7,00
 uncertainty ± 0,01
 This pH buffer solution is traceable to
 Standard Reference Material from NIST.

SO2100 Buffer solution pH = 10,00 (20 °C), blue-coloured, MONOBUF®

• Density: ~ 1,00

Packaging	Code
12x30 ml	SO21000360

pH at 20 °C 10,00
 uncertainty ± 0,02
 This pH buffer solution is traceable to
 Standard Reference Material from NIST.

SO2200 Buffer solution pH = 4,00, 7,00, 10,00 (20 °C), MONOBUF® Mix

Traceable to SRM from NIST

Packaging	Code
12x30 ml	SO22000360

pH (red) at 20 °C 4,00
 pH (yellow) at 20 °C 7,00
 pH (blue) at 20 °C 10,00
 uncertainty ± 0,02

Buffer solutions, other applications

SO1020 Buffer solution for HPLC, pH = 6 (potassium dihydrogen phosphate/sodium hydroxide)

Packaging	Code
1 l 	SO10201000
5 l 	SO1020005P

pH at 20 °C 6,00 ± 0,1
 Microfiltered through membranes
 of pore diameter 0,22 µm

Bufte

SO1013 Buffer solution pH = 10 (ammonium chloride/ammonia), for complexometry



• Density: 0,96

• Boiling point: 80 - 100 °C

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

250 ml SO10130250

Store between 15°C and 25°C

1 l SO10131000

Butanedioic acid. See Succinic acid page 309

AC0601 1-Butane sulfonic acid, sodium salt, HPLC grade

Sodium 1-butylsulfonate



• M = 160,17 g/mol

• Melting point: > 310 °C

• CAS [2386-54-1]

floury powder, white

assay (acidimetric).....	min. 98 %
maximum absorbance of an aqueous wavelength:	absorbance:
210 nm.....	0,1 AU
220 nm.....	0,06 AU
230 nm.....	0,04 AU
260 nm.....	0,02 AU

Packaging Code

25 g AC06010025

AL0170 1-Butanol, extra pure, USP, NF



n-Butyl alcohol, Propylcarbinol



• M = 74,12 g/mol

• Melting point: -89,5 °C

• CAS [71-36-3]

• Boiling point: 118 °C

• Density: 0,81

• UN 1120

GHS information: Danger.

H318 - H226 - H302 - H335 - H336 - H315

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,004 %
water (K.F.).....	max. 0,1 %

Packaging Code

1 l AL01701000

2,5 l AL01702500

5 l AL0170005P

25 l AL0170025A

25 l AL0170025S

AL0173 1-Butanol, reagent grade, ACS, ISO, Reag. Ph Eur



n-Butyl alcohol, Propylcarbinol



• M = 74,12 g/mol

• Melting point: -89,5 °C

• CAS [71-36-3]

• Boiling point: 118 °C

• Density: 0,81

• UN 1120

GHS information: Danger.

H318 - H226 - H302 - H335 - H336 - H315

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,1 %

Packaging Code

1 l AL01731000

2,5 l AL01732500

5 l AL0173005P

25 l AL0173025A

25 l AL0173025S

AL0174 1-Butanol, spectroscopy grade, Spectrosol®



n-Butyl alcohol, Propylcarbinol



• M = 74,12 g/mol

• Melting point: -89,5 °C

• CAS [71-36-3]

• Boiling point: 118 °C

• Density: 0,81

• UN 1120

GHS information: Danger.

H318 - H226 - H302 - H335 - H336 - H315

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (G.C.).....	min. 99,9 %
minimum transmission /max. absorbance wavelength:	T (%) A (AU)
210 nm.....	25 % 0,602 AU
220 nm.....	50 % 0,301 AU
238 nm.....	80 % 0,097 AU
245 nm.....	90 % 0,046 AU
270 nm.....	98 % 0,009 AU

Packaging Code

1 l AL01741000

AL0175 1-Butanol, HPLC grade



n-Butyl alcohol, Propylcarbinol



- M = 74,12 g/mol
- CAS [71-36-3]
- Density: 0,81

- Melting point: -89,5 °C
- Boiling point: 118 °C
- UN 1120

GHS information: Danger.

H318 - H226 - H302 - H335 - H336 - H315
P210 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l AL01751000
2,5 l AL01752500

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,1 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
210 nm..... 20 % 0,699 AU
220 nm..... 50 % 0,301 AU
245 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

AL0172 1-Butanol, 99,5%, anhydrous (max. 0,01% H₂O)



n-Butyl alcohol, Propylcarbinol



- M = 74,12 g/mol
- CAS [71-36-3]
- Density: 0,81

- Melting point: -89,5 °C
- Boiling point: 118 °C
- UN 1120

GHS information: Danger.

H318 - H226 - H302 - H335 - H336 - H315
P210 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

100 ml AL01720100
500 ml AL01720500
1 l AL01721000

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,01 %

AL0176 2-Butanol, synthesis grade



sec-Butyl alcohol, Butyl alcohol secondary, Ethyl methyl carbinol



- M = 74,12 g/mol
- CAS [78-92-2]
- Density: 0,81

- Melting point: -114 °C
- Boiling point: 98,5 - 100,5 °C
- UN 1120

GHS information: Warning.

H226 - H319 - H335 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code

1 l AL01761000
2,5 l AL01762500
5 l AL0176005P
25 l AL0176025P

assay (G.C.)..... min. 99 %

AL0177 2-Butanol, reagent grade



sec-Butyl alcohol, Butyl alcohol secondary, Ethyl methyl carbinol



- M = 74,12 g/mol
- CAS [78-92-2]
- Density: 0,81

- Melting point: -114 °C
- Boiling point: 98,5 - 100,5 °C
- UN 1120

GHS information: Warning.

H226 - H319 - H335 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code

1 l AL01771000
2,5 l AL01772500

assay (G.C.)..... min. 99,5 %

AL0178 2-Butanol, 99,5%, anhydrous (max. 0,01% H₂O)



sec-Butyl alcohol, Butyl alcohol secondary, Ethyl methyl carbinol



- M = 74,12 g/mol
- CAS [78-92-2]
- Density: 0,81

- Melting point: -114 °C
- Boiling point: 98,5 - 100,5 °C
- UN 1120

GHS information: Warning.

H226 - H319 - H335 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code

100 ml AL01780100
500 ml AL01780500
1 l AL01781000

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,01 %

Butan

AL0180 tert-Butanol, synthesis grade



2-Methyl-2-propanol, Trimethylcarbinol, tert-Butyl alcohol



- M = 74,12 g/mol
- CAS [75-65-0]
- Density: 0,78

- Melting point: 25,3 °C
- Boiling point: 82 - 83 °C
- UN 1120

GHS information: Danger.

H225 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 - P501a

Packaging Code

1 I ☐ AL01801000

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

AL0183 tert-Butanol, reagent grade, ACS



2-Methyl-2-propanol, Trimethylcarbinol, tert-Butyl alcohol



- M = 74,12 g/mol
- CAS [75-65-0]
- Density: 0,78

- Melting point: 25,3 °C
- Boiling point: 82 - 83 °C
- UN 1120

GHS information: Danger.

H225 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 - P501a

Packaging Code

1 I ☐ AL01831000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

2-Butanone. See Ethyl methyl ketone page 125

cis-Butenedioic acid. See Maleic acid page 177

2-Butoxyethanol. See Ethylene glycol monobutyl ether page 123

AC0090 n-Butyl acetate, synthesis grade



Acetic acid n-butyl ester



- M = 116,16 g/mol
- CAS [123-86-4]
- Density: 0,88

- Melting point: -77 °C
- Boiling point: 127 °C
- UN 1123

GHS information: Warning.

H226 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

1 I ☐ AC00901000

2,5 I ☐ AC00902500

5 I ☐ AC0090005P

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

AC0093 n-Butyl acetate, reagent grade, ACS



Acetic acid n-butyl ester



- M = 116,16 g/mol
- CAS [123-86-4]
- Density: 0,88

- Melting point: -77 °C
- Boiling point: 127 °C
- UN 1123

GHS information: Warning.

H226 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

1 I ☐ AC00931000

2,5 I ☐ AC00932500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,1 %

n-Butyl alcohol. See 1-Butanol page 50

BU0020 n-Butylamine, synthesis grade



1-Aminobutane



- M = 73,14 g/mol
- CAS [109-73-9]
- Density: 0,74

- Melting point: -50 °C
- Boiling point: 76 - 78 °C
- UN 1125

GHS information: Danger.

H225 - H314 - H302 - H312 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 I ☐ BU00201000

2,5 I ☐ BU00202500

25 I ☐ BU0020025A

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

BU0022 n-Butylamine, reagent grade**1-Aminobutane**

- M = 73,14 g/mol
- CAS [109-73-9]
- Density: 0,74

- Melting point: -50 °C
- Boiling point: 76 - 78 °C
- UN 1125

GHS information: Danger.

H225 - H314 - H302 - H312 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 I ME00221000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

*Butyl diglycol. See Diethylene glycol monobutyl ether page 91**Butyl glycol. See Ethylene glycol monobutyl ether page 123**Butyl glycol acetate. See Ethylene glycol monobutyl ether acetate page 123***ME0550 tert-Butyl methyl ether, extra pure****Methyl tert-butyl ether, MTBE**

- M = 88,15 g/mol
- CAS [1634-04-4]
- Density: 0,74

- Melting point: -108,6 °C
- Boiling point: 55 °C
- UN 2398

GHS information: Danger.

H225 - H315

P210 - P241 - P280 - P303+P361+P353 - P321 -

P501a

Packaging Code

1 I ME05501000

2,5 I ME05502500

25 I ME0550025A

25 I ME0550025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

non-volatile matter..... max. 0,005 %

water (K.F.)..... max. 0,05 %

ME0551 tert-Butyl methyl ether, reagent grade, Reag. Ph Eur**Methyl tert-butyl ether, MTBE**

- M = 88,15 g/mol
- CAS [1634-04-4]
- Density: 0,74

- Melting point: -108,6 °C
- Boiling point: 55 °C
- UN 2398

GHS information: Danger.

H225 - H315

P210 - P241 - P280 - P303+P361+P353 - P321 -

P501a

Packaging Code

1 I ME05511000

2,5 I ME05512500

25 I ME0551025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

non-volatile matter..... max. 0,001 %

water (K.F.)..... max. 0,03 %

ME0552 tert-Butyl methyl ether, HPLC grade**Methyl tert-butyl ether, MTBE**

- M = 88,15 g/mol
- CAS [1634-04-4]
- Density: 0,74

- Melting point: -108,6 °C
- Boiling point: 55 °C
- UN 2398

GHS information: Danger.

H225 - H315

P210 - P241 - P280 - P303+P361+P353 - P321 -

P501a

Packaging Code

1 I ME05521000

2,5 I ME05522500

7 I ME0552007E

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %

non-volatile matter..... max. 0,0002 %

water (K.F.)..... max. 0,02 %

min. transmission/max. absorbance

wavelength:

240 nm..... T(%) A (AU)

255 nm..... 50 % 0,301 AU

280 nm..... 80 % 0,097 AU

98 % 0,009 AU

Microfiltered through membranes

of pore diameter 0,22 µm

Butyl

ME0553 tert-Butyl methyl ether, for GC residue analysis



Methyl tert-butyl ether, MTBE



- M = 88,15 g/mol
- CAS [1634-04-4]
- Density: 0,74

- Melting point: -108,6 °C
- Boiling point: 55 °C
- UN 2398

GHS information: Danger.

H225 - H315

P210 - P241 - P280 - P303+P361+P353 - P321 - P501a

Packaging Code

1 l ME05531000
2,5 l ME05532500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis:
ECD, from 1,2,4-trichlorobenzene to
decachlorobiphenyl, no peaks are
obtained greater than 3 pg/ml as lindane.
No peaks are obtained in vicinity of
2,4,5-trichlorobiphenyl.

ME0555 tert-Butyl methyl ether, 99,5%, anhydrous (max. 0,005 % H₂O)



Methyl tert-butyl ether, MTBE



- M = 88,15 g/mol
- CAS [1634-04-4]
- Density: 0,74

- Melting point: -108,6 °C
- Boiling point: 55 °C
- UN 2398

GHS information: Danger.

H225 - H315

P210 - P241 - P280 - P303+P361+P353 - P321 - P501a

Packaging Code

100 ml ME05550100
500 ml ME05550500
1 l ME05551000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

ME0556 tert-Butyl methyl ether, 99,5%, anhydrous (max. 0,005 % H₂O), with molecular sieves



Methyl tert-butyl ether, MTBE



- M = 88,15 g/mol
- CAS [1634-04-4]
- Density: 0,74

- Melting point: -108,6 °C
- Boiling point: 55 °C
- UN 2398

GHS information: Danger.

H225 - H315

P210 - P241 - P280 - P303+P361+P353 - P321 - P501a

Packaging Code

1 l ME05561000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

sec-Butyl alcohol. See 2-Butanol page 51

CA0080 Cadmium, metal, extra pure, Reag. Ph Eur



- M = 112,40 g/mol
- CAS [7440-43-9]
- Melting point: 321 °C

- Boiling point: 767 °C
- UN 3288

GHS information: Danger.

H330 - H350 - H372 - H341 - H361fd - H400 - H410

P260 - P284 - P310 - P320 - P405 - P501a

Packaging Code

250 g CA00800250
1 kg CA00801000
5 kg CA0080005P

assay (complexometric)..... min. 99 %

CA0048 Cadmium acetate dihydrate, extra pure



Acetic acid cadmium salt



- M = 266,52 g/mol
- CAS [5743-04-4]

- Melting point: 256 °C (anhydrous substance)
- UN 2570

GHS information: Warning.

H400 - H410 - H302 - H312 - H332

P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

Packaging Code

250 g CA00480250
1 kg CA00481000
5 kg CA0048005P
25 kg CA0048025P

Hygroscopic

assay (complexometric)..... min. 98 %

CA0050 Cadmium acetate dihydrate, reagent grade



Acetic acid cadmium salt



- M = 266,52 g/mol
- CAS [5743-04-4]

- Melting point: 256 °C (anhydrous substance)
- UN 2570

GHS information: Warning.

H400 - H410 - H302 - H312 - H332
P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

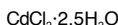
Hygroscopic

assay (complexometric) min. 99 %

Packaging Code

100 g CA00500100
250 g CA00500250
1 kg CA00501000
5 kg CA0050005P
25 kg CA0050025P

CA0060 Cadmium chloride 2,5-hydrate, extra pure



- M = 228,34 g/mol
- CAS [7790-78-5]

- UN 2570

GHS information: Danger.

H301 - H330 - H350 - H360 - H372 - H400 - H410
P260 - P301+P310 - P310 - P320 - P405 - P501a

Store between 15°C and 25°C

assay (complexometric) 98 - 102 %

Packaging Code

250 g CA00600250
1 kg CA00601000
5 kg CA0060005P
25 kg CA0060025P

CA0075 Cadmium hydroxide, extra pure



- M = 146,42 g/mol
- CAS [21041-95-2]

- UN 2570

GHS information: Warning.

H400 - H410 - H302 - H312 - H332
P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

Store between 15°C and 25°C

assay (complexometric) min. 99 %

Packaging Code

100 g CA00750100
5 kg CA0075005P

CA0135 Cadmium iodide, extra pure



- M = 366,21 g/mol
- CAS [7790-80-9]
- Melting point: 388 °C

- Boiling point: 787 °C
- UN 2570

GHS information: Danger.

H301 - H331 - H351 - H373 - H400 - H410
P260 - P261 - P301+P310 - P321 - P405 - P501a

Store between 15°C and 25°C

assay (complexometric) min. 99 %

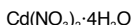
Packaging Code

100 g CA01350100
250 g CA01350250
1 kg CA01351000

CA0097 Cadmium nitrate tetrahydrate, extra pure



Nitric acid cadmium salt tetrahydrate



- M = 308,47 g/mol
- CAS [10022-68-1]

- Melting point: 59 °C
- UN 2570

GHS information: Warning.

H400 - H410 - H302 - H312 - H332
P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

humid crystals, colourless

Hygroscopic

assay (complexometric) min. 99 %

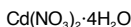
Packaging Code

250 g CA00970250
1 kg CA00971000
5 kg CA0097005P

CA0100 Cadmium nitrate tetrahydrate, reagent grade



Nitric acid cadmium salt tetrahydrate



- M = 308,47 g/mol
- CAS [1306-19-0]

- Melting point: 59 °C
- UN 2570

GHS information: Warning.

H400 - H410 - H302 - H312 - H332
P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

humid crystals, colourless

Hygroscopic

assay (complexometric) min. 99 %

Packaging Code

250 g CA01000250
1 kg CA01001000
5 kg CA0100005P

CA0110 Cadmium oxide, extra pure



- M = 128,40 g/mol
- CAS [1306-19-0]
- Melting point: < 1426 °C

- Boiling point: 1559 °C
- UN 2570

GHS information: Danger.

H330 - H350 - H372 - H341 - H361fd - H400 - H410
P260 - P284 - P310 - P320 - P405 - P501a

assay (complexometric) min. 99 %

Packaging Code

250 g CA01100250
1 kg CA01101000

Caffe

CA0150 Caffeine anhydrous, extra pure, Ph Eur, BP, USP



7-Methyltheobromine, 1,3,7-Trimethylxanthine,



• M = 194,19 g/mol
• CAS [58-08-2]

• Melting point: 235 - 238 °C

Store between 15°C and 25°C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (titr. with HClO₄) ,

on dried substance.....

residual solvents (Ph Eur/ICH).....

98,5 - 101,5 %
excluded by
production process

Packaging Code

1 kg CA01501000

5 kg CA0150005P

CA0165 Calcein, indicator for metal titration

2,7-Bis[bis(carboxymethyl)aminomethyl]fluorescein, Fluorescein complexon, Fluorexon



• M = 622,55 g/mol

• CAS [1461-15-0]

powder, orange

Store between 5°C and 30°C

Packaging Code

1 g CA01650001

5 g CA01650005

CA0180 Calcium L(+)-ascorbate, extra pure, USP

L-(+)-Ascorbic acid calcium salt



• M = 426,35 g/mol

• CAS [5743-28-2]

Store between 15°C and 25°C

assay (iodometric) min. 99 %

Packaging Code

1 kg CA01801000

CA0182 Calcium carbonate, precipitated, extra pure, Ph Eur, BP, USP

Lime, Chalk, Marble



• M = 100,09 g/mol
• CAS [471-34-1]

• Melting point: 825 °C
(decomposes)

lumpy powder, white or almost white

assay (complexometric, on dried

substance).....

residual solvents (Ph Eur/ICH).....

98,5 - 100,5 %
excluded by
production process

Packaging Code

500 g CA01820500

1 kg CA01821000

5 kg CA0182005P

CA0184 Calcium carbonate, precipitated, reagent grade, Reag. Ph Eur

Lime, Chalk, Marble



• M = 100,09 g/mol
• CAS [471-34-1]

• Melting point: 825 °C
(decomposes)

lumpy powder, white or almost white

assay (complexometric, on dried subs.) min. 99 %

Packaging Code

500 g CA01840500

1 kg CA01841000

CA0185 Calcium carbonate, secondary standard for volumetric titrations,
Titrasure®

Lime, Chalk, Marble



• M = 100,09 g/mol
• CAS [471-34-1]

• Melting point: 825 °C
(decomposes)

Traceable to SRM from NIST

assay (on dried sample)..... 99,5 - 100,1 %

Packaging Code

60 g CA01850060

CA0190 Calcium chloride anhydrous, granulated, extra pure*Chloro calcium*

- M = 110,99 g/mol
- CAS [10043-52-4]

- Melting point: 772 °C
- Boiling point: > 1600 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

blocks, white or almost white, up to 4cm

assay (argentometric)..... approx. 95 %

Hygroscopic

Packaging Code

500 g CA01900500

1 kg CA01901000

5 kg CA0190005P

25 kg CA0190025P

CA0197 Calcium chloride anhydrous, powder, extra pure*Chloro calcium*

- M = 110,99 g/mol
- CAS [10043-52-4]

- Melting point: 772 °C
- Boiling point: > 1600 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

powder or granulated powder, white

assay (argentometric)..... min. 95 %

Hygroscopic

Packaging Code

500 g CA01970500

1 kg CA01971000

5 kg CA0197005P

25 kg CA0197025P

CA0192 Calcium chloride anhydrous, powder, reagent grade*Chloro calcium*

- M = 110,99 g/mol
- CAS [10043-52-4]

- Melting point: 772 °C
- Boiling point: > 1600 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

powder or granulated powder, white

 assay (argentometric)..... min. 96 %
 acidity (as HCl)..... max. 0,005 %
 alkalinity (as Ca(OH)₂)..... max. 0,5 %

Hygroscopic

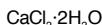
Packaging Code

500 g CA01920500

1 kg CA01921000

5 kg CA0192005P

25 kg CA0192025P

CA0193 Calcium chloride dihydrate, powder, extra pure, Ph Eur, BP, USP

- M = 147,02 g/mol
- CAS [10035-04-8]

- Melting point: ~ 176 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

crystals, white

 assay (complexometric)..... 97 - 103 %
 residual solvents (Ph Eur/ICH)..... excluded by
 production process

Hygroscopic

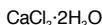
Packaging Code

500 g CA01930500

1 kg CA01931000

5 kg CA0193005P

25 kg CA0193025P

CA0199 Calcium chloride dihydrate, sheets, extra pure

- M = 147,02 g/mol
- CAS [10035-04-8]

- Melting point: ~ 176 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

sheets, white

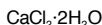
assay (as CaCl₂, complexometric) min. 77 %

Hygroscopic

Packaging Code

1 kg CA01991000

5 kg CA0199005P

CA0194 Calcium chloride dihydrate, powder, reagent grade, ACS

- M = 147,02 g/mol
- CAS [10035-04-8]

- Melting point: ~ 176 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

crystals, white

assay (complexometric)..... 99 - 105 %

Hygroscopic

Packaging Code

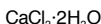
500 g CA01940500

1 kg CA01941000

5 kg CA0194005P

Calci

CA0198 Calcium chloride dihydrate, molecular biology grade



• M = 147,02 g/mol
• CAS [10035-04-8]

• Melting point: ~ 176 °C

crystals, white
Hygroscopic

GHS information: Warning.

H319
P280 - P305+P351+P338 - P337+P313

assay (complexometric) min. 99,5 %
DNases, RNases, Proteases non detected

Packaging Code

250 g CA01980250
1 kg CA01981000

CA0195 Calcium chloride, solution 1 mol/l



• M = 110,99 g/mol
• CAS [10043-52-4]

• Density: 1,08

Hygroscopic
Store between 15°C and 25°C
Traceable to SRM from NIST

GHS information: Warning.

H319 - EUH210
P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

1 l CA01951000

CA0203 tri-Calcium dicitrate tetrahydrate, powder, extra pure, USP

Calcium citrate, 2-Hydroxy-1,2,3-propanetricarboxylic acid calcium salt (2:3)



• M = 570,51 g/mol

• CAS [5785-44-4]

assay (complexometric, on dried substance) 98 - 100,5 %

Packaging Code

1 kg CA02031000
5 kg CA0203005P
25 kg CA0203025P

CA0211 Calcium bis-(dihydrogen phosphate) monohydrate, extra pure

Calcium biphosphate



• M = 252,07 g/mol
• CAS [7758-23-8]

• Melting point: 109 °C

assay (complexometric) min. 98 %

Store between 15°C and 25°C

Packaging Code

500 g CA02110500
1 kg CA02111000
5 kg CA0211005P
25 kg CA0211025P

CA0210 Calcium hydrogen phosphate dihydrate, extra pure, Ph Eur, BP, USP

Calcium phosphate dibasic



• M = 172,10 g/mol

• CAS [7789-77-7]

assay (complexometric) 98 - 102 %
residual solvents (Ph Eur/ICH) excluded by production process

Packaging Code

500 g CA02100500
1 kg CA02101000
5 kg CA0210005P
25 kg CA0210025P

CA0215 Calcium hydroxide, 90%, synthesis grade



• M = 74,09 g/mol

• CAS [1305-62-0]

bulky powder, greyish

GHS information: Danger.

H318
P280 - P305+P351+P338 - P310

assay (acidimetric) approx. 90 %

Packaging Code

250 g CA02150250
500 g CA02150500
1 kg CA02151000

CA0216 Calcium hydroxide, powder, extra pure, Ph Eur, BP, USP



• M = 74,09 g/mol

• CAS [1305-62-0]

bulky powder, greyish

GHS information: Danger.

H318
P280 - P305+P351+P338 - P310

assay (acidimetric) 95 - 100,5 %
residual solvents (Ph Eur/ICH) excluded by production process

Packaging Code

500 g CA02160500
1 kg CA02161000
5 kg CA0216005P
25 kg CA0216025P

CA0225 Calcium lactate pentahydrate, extra pure, Ph Eur, BP, USP*Lactic acid calcium salt pentahydrate*

- M = 308,30 g/mol
- CAS [28305-25-1]
- Melting point: 240 °C

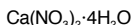
granulated powder, white

Store between 15°C and 25°C

 assay (complexometric, on dried substance).....
 other residual solvents (Ph Eur/ICH).....

 98 - 101 %
 excluded by
 production process

Packaging	Code
500 g	CA02250500
1 kg	CA02251000
5 kg	CA0225005P

CA0230 Calcium nitrate tetrahydrate, extra pure*Nitric acid calcium salt tetrahydrate*

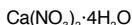
- M = 236,15 g/mol
- CAS [13477-34-4]
- Melting point: 42 °C
- UN 1454

crystals, colourless or white, approx. 1mm

 GHS information: Danger.
 H272
 P221 - P210 - P220 - P280 - P370+P378a - P501a

assay (complexometric)..... min. 98 %

Packaging	Code
500 g	CA02300500
1 kg	CA02301000
5 kg	CA0230005P
25 kg	CA0230025P

CA0231 Calcium nitrate tetrahydrate, reagent grade, ACS*Nitric acid calcium salt tetrahydrate*

- M = 236,15 g/mol
- CAS [13477-34-4]
- Melting point: 42 °C
- UN 1454

crystals, colourless or white, approx. 1mm

 GHS information: Danger.
 H272
 P221 - P210 - P220 - P280 - P370+P378a - P501a

assay (complexometric)..... 99 - 103 %

Packaging	Code
500 g	CA02310500
1 kg	CA02311000
5 kg	CA0231005P
25 kg	CA0231025P

CA0260 Calcium oxide, natural, granulated*Lime, caustic; Quicklime*

- M = 56,08 g/mol
- CAS [1305-78-6]
- Melting point: 2580 °C
- Boiling point: 2850 °C

blocks, greyish, up to 4cm

 GHS information: Danger.
 H318
 P280 - P305+P351+P338 - P310

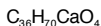
Packaging	Code
500 g	CA02600500
1 kg	CA02601000
5 kg	CA0260005P
25 kg	CA0260025P

CA0205 tri-Calcium phosphate anhydrous, extra pure, Ph Eur, BP*Calcium phosphate tribasic, Tricalcium ortophosphate*

- M = 310,18 g/mol
- CAS [7758-87-4]
- Melting point: ~ 1730 °C

 assay (complexometric, as Ca) 35 - 40 %
 residual solvents (Ph Eur/ICH)..... excluded by
 production process

Packaging	Code
500 g	CA02050500
1 kg	CA02051000
5 kg	CA0205005P
25 kg	CA0205025P

*Calcium phosphate dibasic. See Calcium hydrogen phosphate dihydrate page 58**Calcium phosphate tribasic. See tri-Calcium phosphate page 59***CA0200 Calcium stearate, extra pure***Stearic acid calcium salt*

- M = 607,04 g/mol
- CAS [1592-23-0]
- Melting point: 147 - 149 °C

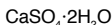
 assay (complexometric, as Ca) 6,4 - 7,4 %
 assay (complexometric, as CaO) 9,0 - 10,5 %

Packaging	Code
500 g	CA02000500
1 kg	CA02001000
5 kg	CA0200005P

Calci

CA0284 Calcium sulfate dihydrate, extra pure, Ph Eur, BP, NF

Sulfuric acid calcium salt dihydrate



• M = 172,17 g/mol

• CAS [10101-41-4]

powder, white or almost white

assay (complexometric).....
residual solvents (Ph Eur/ICH).....

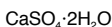
98 - 101 %
excluded by
production process

Packaging Code

500 g CA02840500
1 kg CA02841000
5 kg CA0284005P
25 kg CA0284025P

CA0285 Calcium sulfate dihydrate, reagent grade, ACS

Sulfuric acid calcium salt dihydrate



• M = 172,17 g/mol

• CAS [10101-41-4]

powder, white or almos white

assay (complexometric)..... 98 - 102 %

Packaging Code

250 g CA02850250
500 g CA02850500
1 kg CA02851000
5 kg CA0285005P
25 kg CA0285025P

CA0295 Calcium tungstate, extra pure

Calcium wolframate



• M = 287,93 g/mol

• CAS [7790-75-2]

Store between 15°C and 25°C

Packaging Code

250 g CA02950250

AC0635 Calconcarboxylic acid, indicator for metal titration

2-Hydroxy-1-(2-hydroxy-4-sulpho-1-naphthylazo)-3-naphthoic acid



• M = 438,42 g/mol

• Melting point: 300 °C

• CAS [3737-95-9]

Store between 5°C and 30°C

Packaging Code

5 g AC06350005
25 g AC06350025
250 g AC06350250

Calomel. See Mercury(I) chloride page 181

AL0070 DL-Camphor, synthetic, extra pure



(+ -)Camphor, 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one



• M = 152,24 g/mol

• CAS [76-22-2]

• Melting point: 172 - 176 °C

• UN 2717

GHS information: Danger.

H301 - H228

P210 - P241 - P301+P310 - P321 - P405 - P501a

Packaging Code

1 kg AL00701000

Store between 15°C and 25°C

BA0030 Canada balsam, for microscopy

Balsam Canada

• CAS [8007-47-4]

Store between 15°C and 25°C

Packaging Code

25 g BA00300025
100 g BA00300100
250 g BA00300250

Caproic acid. See Hexanoic acid page 146

Caprylic acid. See Octanoic acid page 209

Carbamaldehyde. See Formamide page 129

Carbamide. See Urea page 341

CA0335 Carbazole, synthesis grade

9H-Dibenzo[b,d]pyrrole, Diphenylenimine, 9-Azafluorene

$C_{12}H_9N$

• M = 167,20 g/mol
• CAS [86-74-8]

• Melting point: 240 - 243 °C
• Boiling point: 350 - 352 °C

assay (G.C.) min. 95 %

Packaging Code
250 g  CA03350250

SU0170 Carbon disulfide, extra pure



Carbon bisulfide, Dithiocarbonic anhydride

CS_2

• M = 76,14 g/mol
• CAS [75-15-0]
• Density: 1,26

• Melting point: -111,6 °C
• Boiling point: 46,5 °C
• UN 1131

GHS information: Danger.
H225 - H372 - H361fd - H315 - H319
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l  SU01701000

Store between 5°C and 30°C

assay (G.C.) min. 99,5 %
non-volatile matter max. 0,002 %
water (K.F.) max. 0,02 %

SU0171 Carbon disulfide, reagent grade, ACS, Reag. Ph Eur



Carbon bisulfide, Dithiocarbonic anhydride

CS_2

• M = 76,14 g/mol
• CAS [75-15-0]
• Density: 1,26

• Melting point: -111,6 °C
• Boiling point: 46,5 °C
• UN 1131

GHS information: Danger.
H225 - H372 - H361fd - H315 - H319
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l  SU01711000

Store between 5°C and 30°C

assay (G.C.) min. 99,9 %

CA0380 Carmine, C.I. 75470, for microscopy

Alum lacquer of carminic acid

$C_{44}H_{37}AlCaO_{29} \cdot 3H_2O$

• M = 492,38 g/mol

• CAS [1390-65-4]

Packaging Code
25 g  CA03800025

Store between 5°C and 30°C

Catechol. See Pyrocatechol page 253

Caustic soda. See Sodium hydroxide page 275

RE0016 Carrez's Reagent I

• Density: 1,11

GHS information: EUH210

Packaging Code
1 l  RE00161000
5 l  RE0016005P

RE0017 Carrez's Reagent II

• Density: 1,07

GHS information: EUH210

Packaging Code
1 l  RE00171000
5 l  RE0017005P

Cedar

AC0020 Cedar wood oil, thickened

• CAS [8000-27-9]

• Density: 0,99

Packaging Code

25 g  AC00200025

Store between 15°C and 25°C

Cerium (IV) ammonium nitrate. See Ammonium cerium(IV) nitrate page 23

Cerium (IV) ammonium sulfate. See Ammonium cerium(IV) sulfate dihydrate page 23

CE0080 Cerium(III) nitrate hexahydrate, extra pure, Reag. Ph Eur



$\text{Ce}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$

GHS information: Danger.

Packaging Code

• M = 434,23 g/mol
• CAS [10294-41-4]

• UN 1477

H272
P221 - P210 - P220 - P280 - P370+P378a - P501a

100 g  CE00800100

humid crystals, colourless or white

assay (complexometric) min. 98,5 %

CE0090 Cerium(IV) oxide, synthesis grade

CeO_2

Packaging Code

• M = 172,12 g/mol
• CAS [1306-38-3]

• Melting point: ~ 2000 °C

assay (ref. to calc. substance)..... min. 99 %

100 g  CE00900100
250 g  CE00900250

CE0100 Cerium(IV) sulfate tetrahydrate, extra pure, Reag. Ph Eur



$\text{Ce}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$

GHS information: Warning.

Packaging Code

• M = 404,30 g/mol
• CAS [10294-42-5]

• Melting point: 180 - 200 °C
(release of crystalline water)

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

100 g  CE01000100
250 g  CE01000250

bulky powder, yellow

Store between 15°C and 25°C

assay (iodometric) min. 98 %

CE0102 Cerium(IV) sulfate, solution 0,1 mol/l (0,1 N)

$\text{Ce}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$

GHS information: EUH210

Packaging Code

• M = 404,30 g/mol
• CAS [10294-42-5]

• Density: 1,08

1 l  CE01021000

Store between 15°C and 25°C

Traceable to SRM from NIST

CE0101 Cerium(IV) sulfate, solution 0,05 mol/l (0,05 N)

$\text{Ce}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$

GHS information: EUH210

Packaging Code

• M = 404,30 g/mol
• CAS [10294-42-5]

• Density: 1,04

1 l  CE01011000

Store between 15°C and 25°C

Traceable to SRM from NIST

CE0110 Cesium chloride, reagent grade

CsCl

Packaging Code

• M = 168,36 g/mol
• CAS [7647-17-8]

• Melting point: 646 °C
• Boiling point: 1382 °C

100 g  CE01100100

assay (argentometric)..... min. 99,5 %

crystals, colourless or white

Store between 15°C and 25°C

CE0121 Cesium chloride, molecular biology grade

CsCl		Packaging Code	
• M = 168,36 g/mol	• Melting point: 646 °C	100 g	CE01210100
• CAS [7647-17-8]	• Boiling point: 1382 °C	500 g	CE01210500
crystals, colourless or white		assay (argentometric)	min. 99,5 %
Store between 15°C and 25°C		DNases, RNases, Proteases	non detected

CE0130 Cesium nitrate, extra pure

CsNO₃		Packaging Code	
GHS information: Danger.		25 g	CE01300025
• M = 194,91 g/mol	• Melting point: 414 °C	P221 - P210 - P220 - P280 - P370+P378a - P501a	
• CAS [7789-18-6]	• UN 1451		
Store between 15°C and 25°C		assay (acidimetric)	min. 99 %

Cetrimonium bromide. See Hexadecyltrimethylammonium bromide page 141

AL0190 Cetyl alcohol, extra pure**1-Hexadecanol**

C₁₆H₃₄O		Packaging Code	
		1 kg	AL01901000
• M = 242,45 g/mol	• Melting point: ~ 49 - 53 °C		
• CAS [36653-82-4]	• Boiling point: ~ 355 °C		
flakes or pellets, white		assay (G.C.).....	min. 96 %

Chalk. See Calcium carbonate, precipitated page 56

CA0346 Charcoal activated, granulated

C		Packaging Code	
GHS information: Danger.		500 g	CA03460500
H228 - H252		1 kg	CA03461000
P210 - P235+P410 - P241 - P280 - P420 -		5 kg	CA0346005P
• M = 12,01 g/mol	• CAS [7440-44-0]		
briquettes, black			

CA0351 Charcoal activated, powder, extra pure

C		Packaging Code	
GHS information: Danger.		250 g	CA03510250
H228 - H252		500 g	CA03510500
P210 - P235+P410 - P241 - P280 - P420 -		1 kg	CA03511000
• M = 12,01 g/mol	• CAS [7440-44-0]	5 kg	CA0351005P
powder, black			

CA0350 Charcoal, animal, powder, extra pure

C		Packaging Code	
GHS information: Danger.		250 g	CA03500250
H228 - H252		500 g	CA03500500
P210 - P235+P410 - P241 - P280 - P420 -			
• M = 12,01 g/mol	• CAS [7440-44-0]		
powder, black			

Charc

CA0352 Charcoal activated, powder, reagent grade



C

• M = 12,01 g/mol

• CAS [7440-44-0]

powder, black

GHS information: Danger.

H228 - H252

P210 - P235+P410 - P241 - P280 - P420 -

Packaging Code

250 g CA03520250

500 g CA03520500

1 kg CA03521000

5 kg CA0352005P

CL0010 Chloral hydrate, extra pure



Trichloroacetaldehyde hydrate

$C_2H_3Cl_3O_2$

• M = 165,40 g/mol

• CAS [302-17-0]

• Melting point: 51,7 °C

• Boiling point: 96,3 °C

• UN 2811

GHS information: Danger.

H301 - H315 - H319

P280 - P301+P310 - P305+P351+P338 - P321 - P405 -

P501a

Packaging Code

500 g CL00100500

1 kg CL00101000

bright crystals, colourless, up to 1cm

assay (acidimetric)..... 98,5 - 101 %

Store between 15°C and 25°C

CL0020 Chloramine T trihydrate, reagent grade, ACS



N-Chloro-4-methylbenzenesulfonamide sodium salt, N-Chloro-p-toluenesulfonamide

$C_7H_7ClNNaO_2S \cdot 3H_2O$

• M = 281,69 g/mol

• CAS [7080-50-4]

• Melting point: > 70 °C

(decomposes)

• UN 3263

GHS information: Danger.

H334 - H314 - H302 - EUH031

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

100 g CL00200100

250 g CL00200250

1 kg CL00201000

Store between 15°C and 25°C

assay (iodometric)..... 99 - 103 %

CL0025 Chloramphenicol, for biochemical purposes



Chloromycetin

$C_{11}H_{12}Cl_2N_2O_5$

• M = 323,13 g/mol

• CAS [56-75-7]

• Melting point: 149 - 153 °C

• UN 1751

GHS information: Danger.

H350

P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code

50 g CL00250050

500 g CL00250500

crystals, almost white

Store between 15°C and 25°C

AC0747 Chloroacetic acid, extra pure



Monochloroacetic acid

$CH_2ClCOOH$

• M = 94,50 g/mol

• CAS [79-11-8]

• Melting point: 60 - 63 °C

• Boiling point: 189 °C

• UN 1751

GHS information: Danger.

H301 - H314 - H400

P301+P310 - P303+P361+P353 - P305+P351+P338 -

P310 - P405 - P501a

Packaging Code

500 g AC07470500

1 kg AC07471000

5 kg AC0747005P

flakes, bright white, up to 0,5cm

assay (acidimetric)..... min. 99 %

Hygroscopic

Store between 15°C and 25°C

AC0750 Chloroacetic acid, reagent grade, ACS



Monochloroacetic acid

$CH_2ClCOOH$

• M = 94,50 g/mol

• CAS [79-11-8]

• Melting point: 60 - 63 °C

• Boiling point: 189 °C

• UN 1751

GHS information: Danger.

H301 - H314 - H400

P301+P310 - P303+P361+P353 - P305+P351+P338 -

P310 - P405 - P501a

Packaging Code

500 g AC07500500

1 kg AC07501000

5 kg AC0750005P

flakes, bright white, up to 0,5cm

assay (acidimetric)..... min. 99,5 %

Hygroscopic

Store between 15°C and 25°C

CL0070 4-Chloroacetophenone, synthesis grade*4-(Chlorophenyl)-methylketone, 4-Chloro-1-acetylbenzene, 1-(4-Chlorophenyl)-ethanone* C_8H_7ClO

- M = 154,60 g/mol
- CAS [99-91-2]
- Density: 1,19

- Melting point: 18 - 20 °C
- Boiling point: 230 - 232 °C
- UN 3416

GHS information: Danger.

H330 - H302 - H315 - H319 - H335

P260 - P305+P351+P338 - P310 - P320 - P405 -

P501a

Packaging Code

250 ml CL00700250

1 l CL00701000

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %

CL0110 Chlorobenzene, extra pure*Monochlorobenzene, Benzene chloride, Phenyl chloride* C_6H_5Cl

- M = 112,56 g/mol
- CAS [108-90-7]
- Density: 1,11

- Melting point: -45 °C
- Boiling point: 132 °C
- UN 1134

GHS information: Warning.

H226 - H332 - H411

P210 - P241 - P261 - P280 - P303+P361+P353 -

P501a

Packaging Code

1 l CL01101000

2,5 l CL01102500

5 l CL0110005P

25 l CL0110025P

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

CL0111 Chlorobenzene, reagent grade, ACS*Monochlorobenzene, Benzene chloride, Phenyl chloride* C_6H_5Cl

- M = 112,56 g/mol
- CAS [108-90-7]
- Density: 1,11

- Melting point: -45 °C
- Boiling point: 132 °C
- UN 1134

GHS information: Warning.

H226 - H332 - H411

P210 - P241 - P261 - P280 - P303+P361+P353 -

P501a

Packaging Code

1 l CL01111000

2,5 l CL01112500

5 l CL0111005P

Store between 15°C and 25°C

 assay (G.C.)..... min. 99,5 %
 non-volatile matter..... max. 0,0005 %
 water (K.F.)..... max. 0,02 %
AC0765 2-Chlorobenzoic acid, extra pure*o-Chlorobenzoic acid* $C_7H_5ClO_2$

- M = 156,57 g/mol
- CAS [118-91-2]

- Melting point: 139 - 142 °C
- Boiling point: 284 - 286 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Packaging Code

250 g AC07650250

granular powder, slightly yellowish

Store between 15°C and 25°C

assay (acidimetric)..... min. 99 %

CL0119 1-Chlorobutane, reagent grade*n-Butyl chloride, n-Propylcarbiny chloride* C_4H_9Cl

- M = 92,57 g/mol
- CAS [109-69-3]
- Density: 0,88

- Melting point: -123 °C
- Boiling point: 78 °C
- UN 1127

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 -

P501a

Packaging Code

1 l CL01191000

2,5 l CL01192500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

Chlor

CL0120 1-Chlorobutane, HPLC grade



n-Butyl chloride, *n*-Propylcarbonyl chloride



- M = 92,57 g/mol
- CAS [109-69-3]
- Density: 0,88

- Melting point: -123 °C
- Boiling point: 78 °C
- UN 1127

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code

1 l CL01201000

2,5 l CL01202500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
225 nm..... 20 % 0,699 AU
230 nm..... 50 % 0,301 AU
245 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

4-Chloro-*m*-cresol. See 4-Chloro-3-methylphenol page 69

CL0135 1-Chloro-2,4-dinitrobenzene, extra pure



4-Chloro-1,3-dinitrobenzene, 1,3-Dinitro-4-chlorobenzene, 2,4-Dinitro-1-chlorobenzene



- M = 202,55 g/mol
- CAS [97-00-7]
- Melting point: 52 - 54 °C

- Boiling point: 315 °C
- UN 3441

GHS information: Danger.

H301 - H311 - H331 - H373 - H400 - H410

P260 - P301+P310 - P361 - P321 - P405 - P501a

Packaging Code

1 kg CL01351000

Store between 15°C and 25°C

assay (G.C.) min. 99 %

ET0072 Bis(2-chloroethyl) ether, synthesis grade



2,2'-Dichlorodiethyl ether, β,β'-Dichloroethyl ether



- M = 143,01 g/mol
- CAS [111-44-4]
- Density: 1,22

- Melting point: -50 °C
- Boiling point: 177 - 178 °C
- UN 1916

GHS information: Danger.

H300 - H310 - H330 - H351

P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code

250 ml ET00720250

Store below 15°C

assay (G.C.)..... min. 99 %

CL0198 Chloroform, synthesis grade, stabilized with ethanol



Trichloromethane, Formyl trichloride



- M = 119,38 g/mol
- CAS [67-66-3]
- Density: 1,47

- Melting point: -63 °C
- Boiling point: 61 °C
- UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

Packaging Code

1 l CL01981000

2,5 l CL01982500

5 l CL0198005P

25 l CL0198025P

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

CL0200 Chloroform, extra pure, Ph Eur, stabilized with ethanol



Trichloromethane, Formyl trichloride



- M = 119,38 g/mol
- CAS [67-66-3]
- Density: 1,47

- Melting point: -63 °C
- Boiling point: 61 °C
- UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

Packaging Code

1 l CL02001000

2,5 l CL02002500

5 l CL0200005P

25 l CL0200025A

Store between 15°C and 25°C

assay (G.C.)..... 99,0 - 99,6 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,05 %

CL0210 Chloroform, extra pure, stabilized with 150 ppm of amylene*Trichloromethane, Formyl trichloride*

• M = 119,38 g/mol
• CAS [67-66-3]
• Density: 1,47

• Melting point: -63 °C
• Boiling point: 61 °C
• UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,05 %

Store between 15°C and 25°C

Packaging Code

1 l CL02101000

2,5 l CL02102500

5 l CL0210005P

25 l CL0210025A

CL0201 Chloroform, analytical grade, stabilized with ethanol, ACS, Reag. Ph Eur*Trichloromethane, Formyl trichloride*

• M = 119,38 g/mol
• CAS [67-66-3]
• Density: 1,47

• Melting point: -63 °C
• Boiling point: 61 °C
• UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

assay (G.C.).....	99,0 - 99,5 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,01 %

Store between 15°C and 25°C

Packaging Code

1 l CL02011000

2,5 l CL02012500

CL0203 Chloroform, reagent grade, ACS, ISO, stabilized with ethanol*Trichloromethane, Formyl trichloride*

• M = 119,38 g/mol
• CAS [67-66-3]
• Density: 1,47

• Melting point: -63 °C
• Boiling point: 61 °C
• UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

assay (G.C.).....	99,0 - 99,5 %
non-volatile matter.....	max. 0,0005 %
water (K.F.).....	max. 0,01 %

Store between 15°C and 25°C

Packaging Code

1 l CL02031000

2,5 l CL02032500

CL0204 Chloroform, reagent grade, ACS, stabilized with ethanol, for determinations with dithizone*Trichloromethane, Formyl trichloride*

• M = 119,38 g/mol
• CAS [67-66-3]
• Density: 1,47

• Melting point: -63 °C
• Boiling point: 61 °C
• UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

assay (G.C.).....	99,0 - 99,5 %
non-volatile matter.....	max. 0,0005 %
water (K.F.).....	max. 0,01 %
suitability for use in dithizone tests.....	passes test

Store between 15°C and 25°C

Packaging Code

1 l CL02041000

2,5 l CL02042500

CL0218 Chloroform, stabilized with ethanol, Multisolvant® HPLC grade ACS ISO UV-VIS*Trichloromethane, Formyl trichloride*

• M = 119,38 g/mol
• CAS [67-66-3]
• Density: 1,47

• Melting point: -63 °C
• Boiling point: 61 °C
• UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

assay (G.C.).....	99,0 - 99,5 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,01 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
245 nm.....	20 % 0,699 AU
250 nm.....	50 % 0,301 AU
265 nm.....	90 % 0,046 AU
300 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Store between 15°C and 25°C

Packaging Code

1 l CL02181000

2,5 l CL02182500

4 l CL02184000

Chlor

CL0205 Chloroform, spectroscopy grade, stabilized with ethanol, Spectrosol®



Trichloromethane, Formyl trichloride



- M = 119,38 g/mol
- CAS [67-66-3]
- Density: 1,47

- Melting point: -63 °C
- Boiling point: 61 °C
- UN 1888

Store between 15°C and 25°C

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

assay (G.C.).....	min. 99 %
minimum transmission/max. absorbance	
wavelength:	T (%) A (AU)
245 nm.....	20 % 0,699 AU
250 nm.....	50 % 0,301 AU
257 nm.....	80 % 0,097 AU
270 nm.....	90 % 0,046 AU
300 nm.....	98 % 0,009 AU

Packaging Code

1 l CL02051000

2,5 l CL02052500

CL0207 Chloroform, HPLC grade, stabilized with amylene (approx. 150 ppm)



Trichloromethane, Formyl trichloride



- M = 119,38 g/mol
- CAS [67-66-3]
- Density: 1,47

- Melting point: -63 °C
- Boiling point: 61 °C
- UN 1888

Store between 15°C and 25°C

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0003 %
water (K.F.).....	max. 0,01 %
min. transmission/max. absorbance	
wavelength:	T (%) A (AU)
248 nm.....	20 % 0,699 AU
253 nm.....	50 % 0,301 AU
265 nm.....	90 % 0,046 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l CL02071000

2,5 l CL02072500

CL0208 Chloroform, for GC residue analysis, stabilized with ethanol



Trichloromethane, Formyl trichloride



- M = 119,38 g/mol
- CAS [67-66-3]
- Density: 1,47

- Melting point: -63 °C
- Boiling point: 61 °C
- UN 1888

Store between 15°C and 25°C

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

assay (G.C.).....	min. 99 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,01 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	
Suitable for pesticide and polycyclic	
aromatic hydrocarbons residue analysis	

Packaging Code

1 l CL02081000

2,5 l CL02082500

CL0202 Chloroform, 99,9%, anhydrous (max. 0,003 % H₂O), stabilized with 150 ppm of amylene



Trichloromethane, Formyl trichloride



- M = 119,38 g/mol
- CAS [67-66-3]
- Density: 1,47

- Melting point: -63 °C
- Boiling point: 61 °C
- UN 1888

Store between 15°C and 25°C

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

water (K.F.).....	max. 0,003 %
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Packaging Code

100 ml CL02020100

500 ml CL02020500

1 l CL02021000

CL0219 Chloroform, 99,9%, anhydrous (max. 0,003 % H₂O), with molecular sieves, stabilized with 150 ppm of amylene



Trichloromethane, Formyl trichloride



- M = 119,38 g/mol
- CAS [67-66-3]
- Density: 1,47

- Melting point: -63 °C
- Boiling point: 61 °C
- UN 1888

Store between 15°C and 25°C

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

assay (G.C.).....	min. 99,9 %
water (K.F.).....	max. 0,003 %

Packaging Code

1 l CL02191000

CL0213 Chloroform-d, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®CDCl₃

- M = 120,38 g/mol
- CAS [865-49-6]
- Density: 1,50

- Melting point: -64,1 °C
- Boiling point: 60 °C
- UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

Packaging Code

10 ml CL02130010

100 ml CL02130100

500 ml CL02130500

1 l CL02131000

Store between 15°C and 25°C

CL0214 Chloroform-d, deuteration degree min. 99,95%, NMR spectroscopy grade, Spectrosol®CDCl₃

- M = 120,38 g/mol
- CAS [865-49-6]
- Density: 1,50

- Melting point: -64,1 °C
- Boiling point: 60 °C
- UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

Packaging Code

x10x0,75 CL0214.750

10 ml CL02140010

25 ml CL02140025

100 ml CL02140100

Store between 15°C and 25°C

CL0215 Chloroform-d + TMS (99:1, v/v), deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®CDCl₃

- M = 120,38 g/mol
- CAS [865-49-6]
- Density: 1,50

- Melting point: -64,1 °C
- Boiling point: 60 °C
- UN 1888

GHS information: Warning.

H351 - H373 - H302 - H315

P260 - P280 - P281 - P321 - P405 - P501a

Packaging Code

100 ml CL02150100

Store between 15°C and 25°C

CL0125 4-Chloro-3-methylphenol, synthesis grade*4-Chloro-m-cresol, 2-Chloro-5-hydroxytoluene*C₇H₇ClO

- M = 142,59 g/mol
- CAS [59-50-7]
- Melting point: 63 - 65 °C

- Boiling point: 235 - 238 °C
- UN 3437

GHS information: Danger.

H318 - H400 - H302 - H312 - H317

P261 - P280 - P305+P351+P338 - P310 - P321 - P501a

Packaging Code

250 g CL01250250

1 kg CL01251000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

CL0150 2-Chlorophenol, synthesis grade*o-Chlorophenol, 2-Chloro-1-hydroxybenzene*C₆H₅ClO

- M = 128,56 g/mol
- CAS [95-57-8]
- Density: 1,26

- Melting point: 7 °C
- Boiling point: 174 °C
- UN 2021

GHS information: Warning.

H302 - H312 - H332 - H411

P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

Packaging Code

500 ml CL01500500

1 l CL01501000

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %

CL0151 2-Chlorophenol, reagent grade*o-Chlorophenol, 2-Chloro-1-hydroxybenzene*C₆H₅ClO

- M = 128,56 g/mol
- CAS [95-57-8]
- Density: 1,26

- Melting point: 7 °C
- Boiling point: 174 °C
- UN 2021

GHS information: Warning.

H302 - H312 - H332 - H411

P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

Packaging Code

100 ml CL01510100

1 l CL01511000

Store between 15°C and 25°C

assay (G.C.) min. 99,5 %

Chlor

CL0160 4-Chlorophenol, synthesis grade



4-Chloro-1-hydroxybenzene



- M = 128,56 g/mol
- CAS [106-48-9]
- Melting point: 41 - 44 °C

- Boiling point: 216 - 218 °C
- UN 2020

GHS information: Warning.

H302 - H312 - H332 - H411

P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

Packaging Code

250 g CL01600250

1 kg CL01601000

assay (G.C.)..... min. 98 %

RO0100 Chlorophenol red, indicator

3',3''-Dichlorophenolsulfonphthalein



- M = 423,27 g/mol
- CAS [4430-20-0]

- Melting point: ~ 261 °C

Packaging Code

5 g RO01000005

Store between 5°C and 30°C

4-(Chlorophenyl)-methylketone. See 4-Chloroacetophenone page 65

CO0180 Cholesterol, extra pure, Ph Eur, BP, NF

2-Cholesten-3β-ol



- M = 386,67 g/mol
- CAS [57-88-5]

- Melting point: 147 - 150 °C
- Boiling point: ~ 360 °C (decomposes)

Store between 15°C and 25°C

assay (G.C., on dried material) min. 95 %
 total sterols (G.C. on dried substance) 97 - 103 %
 residual solvents (Ph Eur) class 2
 (Methanol)..... max. 0,3 %
 residual solvents (Ph Eur) class 3
 -heptane..... max. 0,5 %
 -ethanol..... max. 0,5 %
 -acetone..... max. 0,5 %
 other residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging Code

100 g CO01800100

Chromic anhydride. See Chromium(VI) oxide page 71

CR0210 Chromic mixture



Chromosulfuric acid, Dichromate sulfuric acid mixture

- CAS [65272-71-1]
- Density: 1,84

- Boiling point: 330 °C
- UN 2240

GHS information: Danger.

H330 - H314 - H334 - H317 - H340 - H350 - H360 -

H373 - H411

P303+P361+P533 - P305+P351+P338 - P310 - P320 -

P405 - P501a

Packaging Code

1 l CR02101000

CR0190 Chromium(III) chloride hexahydrate, extra pure, Reag. Ph Eur



- M = 266,45 g/mol
- CAS [10060-12-5]

- Melting point: 95 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

1 kg CR01901000

5 kg CR0190005P

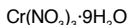
crystals, green

assay (iodometric)..... min. 97 %

CR0194 Chromium(III) nitrate nonahydrate, extra pure



Chromic nitrate nonahydrate



- M = 400,15 g/mol
- Melting point: 36 - 37 °C
- CAS [7789-02-8]
- UN 2720

GHS information: Danger.
H272 - H302
P221 - P210 - P220 - P280 - P301+P312 - P501a

Packaging	Code
500 g	CR01940500
1 kg	CR01941000
5 kg	CR0194005P

crystals, bright black

assay (iodometric)..... min. 97 %

AN0200 Chromium(VI) oxide, extra pure, Reag. Ph Eur



Chromium trioxide, Chromic anhydride



- M = 99,99 g/mol
- Melting point: 197 °C
- CAS [1333-02-0]
- UN 1463

GHS information: Danger.
H271 - H301 - H311 - H330 - H334 - H340 - H350 -
H272 - H361f - H314 - H400 - H410
P221 - P283 - P301+P310 - P303+P361+P353 -
P305+P351+P338 - P310 - P320 - P361 - P405 -
P501a

Packaging	Code
500 g	AN02000500
1 kg	AN02001000

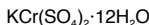
Hygroscopic

Store between 15°C and 25°C

assay (iodometric)..... min. 99 %

CR0230 Chromium(III) potassium sulfate dodecahydrate, extra pure

Alum chrome, Potassium chromium(III) sulfate



- M = 499,41 g/mol
- Melting point: 89 °C
- CAS [7788-99-0]

assay (iodometric)..... min. 98 %

Packaging	Code
500 g	CR02300500
1 kg	CR02301000
5 kg	CR0230005P
25 kg	CR0230025P

Chromium trioxide. See Chromium(VI) oxide page 71

Chromosulfuric acid. See Chromic mixture page 70

CR0235 Chromotrop 2 R, C.I. 16570, for complexometry



2-(Phenylazo)chromotropic acid disodium salt, Acid red 29



- M = 468,39 g/mol
- CAS [4197-07-3]

GHS information: Warning.
H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging	Code
10 g	CR02350010

Store between 15°C and 25°C

AC0788 Chromotropic acid, disodium salt dihydrate, reagent grade, ACS

4,5-Dihydroxy-2,7-naphthalenedisulfonic acid disodium salt dihydrate



- M = 400,30 g/mol
- CAS [5808-22-0]

assay (acidimetric)..... min. 98,5 %

lumpy powder, beige

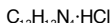
Store between 15°C and 25°C

Packaging	Code
25 g	AC07880025
50 g	AC07880050

CR0175 Chrysoidine G, C.I. 11270, for microscopy



4-(Phenylazo)-1,3-phenylenediamine monohydrochloride, Basic orange 2



- M = 248,72 g/mol
- Melting point: 118 - 118,5 °C
- CAS [532-82-1]

GHS information: Danger.
H318 - H341 - H400 - H410 - H302 - H315
P280 - P305+P351+P338 - P310 - P321 - P405 -
P501a

Packaging	Code
25 g	CR01750025

powder, bright dark brown

Store between 15°C and 25°C

Cinch

CI0240 Cinchonine, synthesis grade

(9S)-Cinchonan-9-ol



- M = 294,40 g/mol
- CAS [118-10-5]

• Melting point: 261 - 264 °C

assay (titr. with HClO₄)..... min. 98 %

Store between 15°C and 25°C

Packaging Code

25 g  CI02400025

100 g  CI02400100

AL0535 Cinnamaldehyde, synthesis grade



trans-Cinnamic aldehyde, *trans*-3-Phenyl-2-propenal



- M = 132,16 g/mol
- CAS [104-55-2]
- Density: 1,05

• Melting point: -8 °C
• Boiling point: (21 hPa) 127 °C

GHS information: Warning.

H312 - H315 - H317

P261 - P280 - P321 - P322 - P362 - P501a

assay (G.C.)..... min. 98 %

Store between 15°C and 25°C

Packaging Code

250 ml  AL05350250

1 l  AL05351000

AL0200 Cinnamyl alcohol, synthesis grade



3-Phenylallyl alcohol, *trans*-3-Phenyl-2-propen-1-ol



- M = 134,18 g/mol
- CAS [104-54-1]

• Melting point: 31 - 34 °C
• Boiling point: 258 °C

GHS information: Warning.

H302 - H317

P261 - P280 - P321 - P301+P312 - P363 - P501a

assay (G.C.)..... min. 98 %

Store between 15°C and 25°C

Packaging Code

250 g  AL02000250

AC0717 Citraconic acid, synthesis grade



2-Methyl-2-butenedioic acid, *Methylmaleic acid*



- M = 130,10 g/mol
- CAS [498-23-7]

• Melting point: 88 - 92 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (acidimetric)..... min. 99 %

Store between 15°C and 25°C

Packaging Code

100 g  AC07170100

AC0718 Citric acid anhydrous, extra pure, Ph Eur, BP, USP



2-Hydroxy-1,2,3-propanetricarboxylic acid, *β*-Hydroxy tricarboxilic acid



- M = 192,13 g/mol
- CAS [77-92-9]

• Melting point: ~ 153 °C
(decomposes)

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

powder, white

assay (acidimetric, on dried substance)

99,5 - 100,5 %
excluded by
production process

Store between 5°C and 30°C

Packaging Code

500 g  AC07180500

1 kg  AC07181000

5 kg  AC0718005P

25 kg  AC0718025P

AC0719 Citric acid anhydrous, reagent grade, ACS, Reag. Ph Eur



2-Hydroxy-1,2,3-propanetricarboxylic acid, *β*-Hydroxy tricarboxilic acid



- M = 192,13 g/mol
- CAS [77-92-9]

• Melting point: ~ 153 °C
(decomposes)

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

powder, white

assay (acidimetric)

min. 99,5 %

Store between 5°C and 30°C

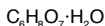
Packaging Code

500 g  AC07190500

1 kg  AC07191000

5 kg  AC0719005P

25 kg  AC0719025P

AC0720 Citric acid monohydrate, extra pure, Ph Eur, BP, USP*2-Hydroxy-1,2,3-propanetricarboxylic acid monohydrate, Hydroxytricarballic acid*

- M = 210,14 g/mol
- CAS [5949-29-1]

- Melting point: 135 - 152 °C
- Boiling point: 135 - 152 °C (decomposes)

crystals, colourless or white

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric, on dried substance)

residual solvents (Ph Eur/ICH).....

99,5 - 100,5 %

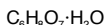
excluded by
production process**Packaging Code**

500 g AC07200500

1 kg AC07201000

5 kg AC0720005P

25 kg AC0720025P

AC0725 Citric acid monohydrate, reagent grade, ACS, ISO, Reag. Ph Eur*2-Hydroxy-1,2,3-propanetricarboxylic acid monohydrate, Hydroxytricarballic acid*

- M = 210,14 g/mol
- CAS [5949-29-1]

- Melting point: 135 - 152 °C
- Boiling point: 135 - 152 °C (decomposes)

crystals, colourless or white

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric).....

99,5 - 100,5 %

Packaging Code

500 g AC07250500

1 kg AC07251000

5 kg AC0725005P

25 kg AC0725025P

AC0726 Citric acid monohydrate, molecular biology grade*2-Hydroxy-1,2,3-propanetricarboxylic acid monohydrate, Hydroxytricarballic acid*

- M = 210,14 g/mol
- CAS [5949-29-1]

- Melting point: 135 - 152 °C
- Boiling point: 135 - 152 °C (decomposes)

crystals, colourless or white

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric, referred to

anhydrous substance)

DNases, RNases, Proteases

min. 99,5 %

non detected

Packaging Code

100 g AC07260100

1 kg AC07261000

*Cleland's reagent. See 1,4-Dithiothreitol page 108***CO0015 Cobalt, powder, extra pure**

Co

- M = 58,93 g/mol
- CAS [7440-48-4]

- Melting point: 1495 °C
- Boiling point: ~ 3185 °C

GHS information: Danger.

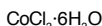
H334 - H317 - H413

P285 - P261 - P280 - P321 - P342+P311 - P501a

assay..... min. 99,98 %

Packaging Code

100 g CO00150100

CO0025 Cobalt(II) chloride hexahydrate, extra pure

- M = 237,93 g/mol
- CAS [7791-13-1]

- Melting point: 56 °C
- UN 3288

crystals, red or garnet

GHS information: Danger.

H334 - H350 - H400 - H410 - H302 - H317

P285 - P261 - P280 - P321 - P405 - P501a

assay (complexometric)..... min. 98 %

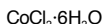
Packaging Code

500 g CO00250500

1 kg CO00251000

5 kg CO0025005P

25 kg CO0025025P

CO0027 Cobalt(II) chloride hexahydrate, reagent grade, ACS, ISO, Reag. Ph Eur

- M = 237,93 g/mol
- CAS [7791-13-1]

- Melting point: 56 °C
- UN 3288

crystals, red or garnet

GHS information: Danger.

H334 - H350 - H400 - H410 - H302 - H317

P285 - P261 - P280 - P321 - P405 - P501a

assay (complexometric)..... 99 - 102 %

Packaging Code

250 g CO00270250

1 kg CO00271000

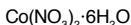
5 kg CO0027005P

Cobal

CO0045 Cobalt(II) nitrate hexahydrate, extra pure



Nitric acid cobalt salt hexahydrate



- M = 291,04 g/mol
- CAS [10026-22-9]

- Melting point: 57 °C
- UN 1477

GHS information: Danger.
H272 - H351 - H302 - H317
P221 - P210 - P220 - P321 - P405 - P501a

crystals, dark red

assay (complexometric)..... 98 - 102 %

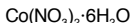
Packaging Code

500 g CO00450500
1 kg CO00451000
5 kg CO0045005P
25 kg CO0045025P

CO0046 Cobalt(II) nitrate hexahydrate, reagent grade, ACS, Reag. Ph Eur



Nitric acid cobalt salt hexahydrate



- M = 291,04 g/mol
- CAS [10026-22-9]

- Melting point: 57 °C
- UN 1477

GHS information: Danger.
H272 - H351 - H302 - H317
P221 - P210 - P220 - P321 - P405 - P501a

crystals, dark red

assay (complexometric)..... 99 - 102 %

Packaging Code

250 g CO00460250
1 kg CO00461000
5 kg CO0046005P

CO0060 Cobalt oxide, black, synthesis grade



Cobalt black, Tricobalt tetroxide, Cobalt (II,III) oxide



- M = 240,80 g/mol
- CAS [1308-06-1]

- Melting point: ~ 895 °C

GHS information: Danger.
H350 - H317
P261 - P280 - P281 - P321 - P405 - P501a

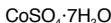
Hygroscopic

assay (complexometric, Co)..... min. 70 %

Packaging Code

250 g CO00600250

CO0075 Cobalt(II) sulfate heptahydrate, extra pure



- M = 281,10 g/mol
- CAS [10026-24-1]

- Melting point: 98 °C
- UN 3077

GHS information: Danger.
H334 - H350 - H400 - H410 - H302 - H317
P285 - P261 - P280 - P321 - P405 - P501a

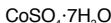
crystals, red or garnet

assay (complexometric)..... min. 98 %

Packaging Code

250 g CO00750250
1 kg CO00751000
5 kg CO0075005P
25 kg CO0075025P

CO0077 Cobalt(II) sulfate heptahydrate, reagent grade



- M = 281,10 g/mol
- CAS [10026-24-1]

- Melting point: 98 °C
- UN 3077

GHS information: Danger.
H334 - H350 - H400 - H410 - H302 - H317
P285 - P261 - P280 - P321 - P405 - P501a

crystals, red or garnet

assay (complexometric)..... min. 99 %

Packaging Code

100 g CO00770100
250 g CO00770250
1 kg CO00771000
5 kg CO0077005P

Cocktails for liquid scintillation

BI0120 Bis-MSB, for liquid scintillation, Normascint®

1,4-Bis(2-methylstyryl)-benzene



- M = 310,44 g/mol
- CAS [13280-61-0]

- Melting point: 179 - 181 °C

Packaging Code

10 g BI01200010

CO0150 Cocktail Biogreen 3, for liquid scintillation

• Density: 0,99 • Boiling point: 315 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P332+P313 - P337+P313 - P362

Packaging Code

5 l CO0150005P

Store between 15°C and 25°C

CO0135 Cocktail 22, for liquid scintillation, Normascint®

• Density: 0,92 • UN 1992

GHS information: Danger.

H225 - H302 - H315 - H318 - H361 - H336 - H373 -

H304 - H411

P301+P310 - P303+P361+P353 - P305+P351+P338 -

P310 - P405 - P501a

Packaging Code

2,5 l CO01352500

EM0070 Emusolv, for liquid scintillation, Normascint®• CAS [68412-54-4]
• Density: 1,05
• Melting point: ~ 5 °C• Boiling point: > 100 °C
• UN 3082

GHS information: Danger.

H318 - H302 - H411

P280 - P273 - P305+P351+P338 - P310 - P301+P312 - P501a

Packaging Code

1 l EM00701000

Store at room temperature

CO0192 Collodion flexible, pure• CAS [9004-70-0]
• Density: 0,78• Boiling point: (1000 hPa) 34,6 °C
• UN 2059

GHS information: Danger.

H224 - H302 - H336 - EUH019

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

250 ml CO01920250

Store between 15°C and 25°C

1 l CO01921000

1 l CO0192005P

CO0190 Collodion, solution approx. 4% w/v, extra pure, USP• Density: 0,76 - 0,80
• Boiling point: ~ 34 °C

• UN 2059

GHS information: Danger.

H224 - H302 - H336 - EUH019

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

250 ml CO01900250

Store between 15°C and 25°C

1 l CO01901000

5 l CO0190005P

CO0221 Complexon - magnesium, solution 0,1 mol/l

• Density: 1,032

Packaging Code

250 ml CO02210250

Store between 15°C and 25°C

1 l CO02211000

*Conductivity standards. See Standards, conductivity page 307***CO0093 Copper, powder, extra pure, Reag. Ph Eur**

Cu

• M = 63,55 g/mol
• CAS [7440-50-8]• Melting point: 1083 °C
• Boiling point: 2595 °C**Packaging Code**

500 g CO00930500

1 kg CO00931000

powder, reddish-brown

assay (iodometric)..... min. 99,7 %

Coppe

CO0092 Copper(II) acetate monohydrate, extra pure



Cupric acetate



- M = 199,65 g/mol
- CAS [6046-93-1]
- Melting point: 115 °C

- Boiling point: 240 °C (decomposes)
- UN 3077

GHS information: Danger.
H318 - H400 - H410 - H302
P280 - P273 - P305+P351+P338 - P310 - P301+P312 - P501a

Packaging	Code
500 g	CO00920500
1 kg	CO00921000
5 kg	CO0092005P
25 kg	CO0092025P

crystals, turquoise

assay (iodometric)..... min. 99 %

CO0095 Copper(II) acetate monohydrate, reagent grade, ACS, Reag. Ph Eur



Cupric acetate



- M = 199,65 g/mol
- CAS [6046-93-1]
- Melting point: 115 °C

- Boiling point: 240 °C (decomposes)
- UN 3077

GHS information: Danger.
H318 - H400 - H410 - H302
P280 - P273 - P305+P351+P338 - P310 - P301+P312 - P501a

Packaging	Code
250 g	CO00950250
500 g	CO00950500
1 kg	CO00951000
5 kg	CO0095005P
25 kg	CO0095025P

crystals, turquoise

assay (iodometric)..... 99 - 102 %

Copper(II) carbonate basic. See Copper(II) hydroxide carbonate page 77

CO0097 Copper(I) chloride, reagent grade, ACS



Copper monochloride



- M = 98,99 g/mol
- CAS [7758-89-6]
- Melting point: 422 °C

- Boiling point: 1366 °C
- UN 2802

GHS information: Warning.
H400 - H410 - H302
P273 - P264 - P270 - P301+P312 - P330 - P501a

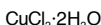
Packaging	Code
250 g	CO00970250
500 g	CO00970500

assay (iodometric)..... min. 97 %

CO0100 Copper(II) chloride dihydrate, extra pure, USP



Copper dichloride dihydrate



- M = 170,48 g/mol
- CAS [10125-13-0]

- Melting point: ~ 100 °C
- UN 2802

GHS information: Warning.
H400 - H410 - H302 - H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging	Code
500 g	CO01000500
1 kg	CO01001000
5 kg	CO0100005P
25 kg	CO0100025P

elongate humid crystals, blue or turquoise

Hygroscopic

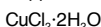
Store between 15°C and 25°C

assay (iodometric, on dried substance).... 99 - 100,5 %

CO0112 Copper(II) chloride dihydrate, reagent grade, ACS



Copper dichloride dihydrate



- M = 170,48 g/mol
- CAS [10125-13-0]

- Melting point: ~ 100 °C
- UN 2802

GHS information: Warning.
H400 - H410 - H302 - H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging	Code
100 g	CO01120100
1 kg	CO01121000
5 kg	CO0112005P
25 kg	CO0112025P

elongate humid crystals, blue or turquoise

Hygroscopic

Store between 15°C and 25°C

assay (iodometric) min. 99 %

CO0110 Copper(I) cyanide, extra pure



Cupricin



- M = 89,56 g/mol
- CAS [544-92-3]

- Melting point: 473 °C
- UN 1587

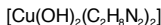
GHS information: Danger.
H300 - H310 - H330 - H400 - H410 - EUH032
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging	Code
100 g	CO01100100
1 kg	CO01101000

Store between 15°C and 25°C

assay (complexometric) min. 98 %

RE0008 Copper(II) ethylenediamine solution, for determination of viscosity in cellulose according to DIN 54270



- CAS [14552-35-3]
- Density: 1,10

• UN 1761

GHS information: Danger.
H302 - H314 - H334 - H317 - H411
P260 - P303+P361+P553 - P305+P351+P338 - P310 - P405 - P501a

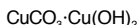
Packaging Code
1 l RE00081000

Store between 15°C and 25°C

CO0088 Copper(II) hydroxide carbonate, extra pure



Copper(II) carbonate hydroxide, Copper(II) carbonate basic



- M = 221,20 g/mol
- CAS [12069-69-1]

• Melting point: 200 °C

GHS information: Warning.
H272 - H302
P221 - P210 - P220 - P280 - P301+P312 - P501a

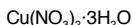
Packaging Code
500 g CO00880500
1 kg CO00881000

assay (iodometric)..... min. 95 %

CO0098 Copper(II) nitrate trihydrate, extra pure



Copper dinitrate trihydrate



- M = 241,60 g/mol
- CAS [10031-43-3]

• Melting point: ~ 114 °C
• UN 1477

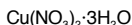
GHS information: Danger.
H272 - H400 - H410 - H302 - H315 - H319
P221 - P210 - P220 - P305+P351+P338 - P321 - P501a

Packaging Code
500 g CO00980500
1 kg CO00981000
5 kg CO0098005P
25 kg CO0098025P

CO0091 Copper(II) nitrate trihydrate, reagent grade



Copper dinitrate trihydrate



- M = 241,60 g/mol
- CAS [10031-43-3]

• Melting point: ~ 114 °C
• UN 1477

GHS information: Danger.
H272 - H400 - H410 - H302 - H315 - H319
P221 - P210 - P220 - P305+P351+P338 - P321 - P501a

Packaging Code
500 g CO00910500
1 kg CO00911000
5 kg CO0091005P
25 kg CO0091025P

assay (iodometric)..... min. 99,5 %

CO0099 Copper(II) oxide, extra pure



Copper monoxide



- M = 79,55 g/mol
- CAS [1317-38-0]

• Melting point: 1336 °C

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

powder, black
Hygroscopic

assay (complexometric)..... min. 96 %

Packaging Code
500 g CO00990500
1 kg CO00991000
5 kg CO0099005P
25 kg CO0099025P

CO0087 Copper(II) sulfate anhydrous, extra pure, Ph Eur, BP, USP



Copper monosulfate anhydrous, Copper vitriol anhydrous



- M = 159,60 g/mol
- CAS [7758-98-7]

• UN 3077

GHS information: Warning.
H400 - H410 - H302 - H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

Packaging Code
250 g CO00870250
1 kg CO00871000
5 kg CO0087005P

powder, grey

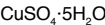
assay (iodometric, on dried substance) 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by production process

Coppe

CO0096 Copper(II) sulfate pentahydrate, extra pure, Ph Eur, BP, USP



Copper monosulfate pentahydrate, Copper vitriol pentahydrate



- M = 249,68 g/mol
- UN 3077
- CAS [7758-99-8]

crystals, blue

GHS information: Warning.
H400 - H410 - H302 - H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

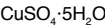
assay (iodometric)..... 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging	Code
500 g	CO00960500
1 kg	CO00961000
5 kg	CO0096005P
25 kg	CO0096025P

CO0101 Copper(II) sulfate pentahydrate, reagent grade, ACS, ISO, Reag. Ph Eur



Copper monosulfate pentahydrate, Copper vitriol pentahydrate



- M = 249,68 g/mol
- UN 3077
- CAS [7758-99-8]

crystals, blue

GHS information: Warning.
H400 - H410 - H302 - H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

assay (iodometric)..... 99 - 100,5 %

Packaging	Code
500 g	CO01010500
1 kg	CO01011000
5 kg	CO0101005P
25 kg	CO0101025P

CO0102 Copper(II) sulfate, solution 0,1 mol/l



- M = 159,60 g/mol
- Density: 1,02
- CAS [7758-98-7]

Store between 15°C and 25°C
Traceable to SRM from NIST

GHS information: H412
P273 - P501a

Packaging	Code
1 l	CO01021000

CO0103 Copper(II) sulfate, solution 0,02 mol/l



- M = 159,60 g/mol
- Density: ~ 1,00
- CAS [7758-98-7]

Store between 15°C and 25°C
Traceable to SRM from NIST

GHS information: H412
P273 - P501a

Packaging	Code
1 l	CO01031000

CR0062 o-Cresol, synthesis grade



2-Methylphenol, 2-Hydroxytoluene



- M = 108,14 g/mol
- Melting point: 29 - 31 °C
- CAS [95-48-7]
- Boiling point: 191 °C
- Density: 1,04
- UN 3455

Store between 15°C and 25°C

GHS information: Danger.
H301 - H311 - H314
P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P361 - P405 - P501a

assay (G.C.)..... min. 99 %

Packaging	Code
250 ml	CR00620250
1 l	CR00621000
5 l	CR0062005P

CR0072 m-Cresol, synthesis grade



3-Methylphenol, 3-Hydroxytoluene



- M = 108,14 g/mol
- Melting point: 10 - 12 °C
- CAS [108-39-4]
- Boiling point: 203 °C
- Density: 1,03
- UN 2076

Store between 15°C and 25°C

GHS information: Danger.
H301 - H311 - H314
P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P361 - P405 - P501a

assay (G.C.)..... min. 99 %

Packaging	Code
250 ml	CR00720250
1 l	CR00721000
2,5 l	CR00722500
5 l	CR0072005P

CR0075 m-Cresol, reagent grade*3-Methylphenol, 3-Hydroxytoluene*

- M = 108,14 g/mol
- CAS [108-39-4]
- Density: 1,03

- Melting point: 10 - 12 °C
- Boiling point: 203 °C
- UN 2076

GHS information: Danger.

H301 - H311 - H314

P301+P310 - P303+P361+P353 - P305+P351+P338 -

P310 - P361 - P405 - P501a

Packaging Code

2,5 l CR00752500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

CR0082 p-Cresol, synthesis grade*4-Methylphenol, 4-Hydroxytoluene*

- M = 108,14 g/mol
- CAS [108-44-5]
- Density: 1,03

- Melting point: 31 - 34 °C
- Boiling point: 202 °C
- UN 3455

GHS information: Danger.

H301 - H311 - H314

P301+P310 - P303+P361+P353 - P305+P351+P338 -

P310 - P361 - P405 - P501a

Packaging Code

250 ml CR00820250

1 l CR00821000

5 l CR0082005L

assay (G.C.)..... min. 98 %

CR0095 o-Cresolphthalein, indicator*3,3-Bis(4-hydroxy-3-methylphenyl)-1(3H)-isobenzofuranone*

- M = 346,38 g/mol
- CAS [596-27-0]

- Melting point: 223 - 225 °C

Packaging Code

25 g CR00950025

Store between 15°C and 25°C

RO0110 Cresol red, indicator*o-Cresolsulfonphthalein*

- M = 382,44 g/mol

- CAS [1733-12-6]

Packaging Code

5 g RO01100005

10 g RO01100010

25 g RO01100025

CR0135 Cryolite, synthesis grade*Kryolith, Ice spar, Sodium aluminium fluoride*

- M = 209,94 g/mol
- CAS [15096-52-3]

- Melting point: 1000 °C
- UN 3288

GHS information: Danger.

H372 - H302 - H332 - H411

P260 - P261 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code

1 kg CR01351000

VI0025 Crystal violet, C.I. 42555, indicator, extra pure*Hexamethylenepararosaniline chloride, Hexamethyl-p-rosanilinium chloride, Methyl violet*

- M = 407,99 g/mol
- CAS [548-62-9]

- Melting point: 189 - 194 °C
- UN 3077

GHS information: Danger.

H318 - H351 - H400 - H410 - H302

P280 - P281 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

25 g VI00250025

100 g VI00250100

flakes, bright white, up to 0,5cm

Store between 5°C and 30°C

VI0027 Crystal violet oxalate, solution according to Gram Hückler

- Density: 0,980

GHS information: Warning.

H226 - H351 - H319 - H412

P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a

Packaging Code

500 ml VI00270500

2,5 l VI00272500

BR0175 Cyanogen bromide, synthesis grade*Bromine cyanide, Bromocyan***BrCN**

- M = 105,96 g/mol
- CAS [506-68-3]
- Melting point: 52 °C

- Boiling point: 61 - 62 °C
- UN 1889

GHS information: Danger.

H300 - H310 - H330 - H314
 P301+P310 - P303+P361+P353 - P305+P351+P338 -
 P310 - P320 - P361 - P405 - P501a

Packaging Code

10 g BR01750010

Store between 2°C and 8°C

assay (iodometric)..... min. 98 %

CI0031 Cyclohexane, extra pure*Hexahydrobenzene, Hexamethylene, Naphthene***C₆H₁₂**

- M = 84,16 g/mol
- CAS [110-82-7]
- Density: 0,78

- Melting point: 6 °C
- Boiling point: 80,7 - 81 °C
- UN 1145

GHS information: Danger.

H225 - H304 - H400 - H410 - H315 - H336
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

Packaging Code

1 l CI00311000

2,5 l CI00312500

5 l CI0031005L

25 l CI0031025A

25 l CI0031025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
 non-volatile matter..... max. 0,001 %
 water (K.F.)..... max. 0,02 %

CI0032 Cyclohexane, reagent grade, ACS, ISO, Reag. Ph Eur*Hexahydrobenzene, Hexamethylene, Naphthene***C₆H₁₂**

- M = 84,16 g/mol
- CAS [110-82-7]
- Density: 0,78

- Melting point: 6 °C
- Boiling point: 80,7 - 81 °C
- UN 1145

GHS information: Danger.

H225 - H304 - H400 - H410 - H315 - H336
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

Packaging Code

1 l CI00321000

2,5 l CI00322500

5 l CI0032005L

25 l CI0032025A

25 l CI0032025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,7 %
 non-volatile matter..... max. 0,0005 %
 water (K.F.)..... max. 0,01 %

CI0039 Cyclohexane, Multisolvent® HPLC grade ACS ISO UV-VIS*Hexahydrobenzene, Hexamethylene, Naphthene***C₆H₁₂**

- M = 84,16 g/mol
- CAS [110-82-7]
- Density: 0,78

- Melting point: 6 °C
- Boiling point: 80,7 - 81 °C
- UN 1145

GHS information: Danger.

H225 - H304 - H400 - H410 - H315 - H336
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

Packaging Code

1 l CI00391000

2,5 l CI00392500

4 l CI00394000

7 l CI0039007E

25 l CI0039025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
 non-volatile matter..... max. 0,0002 %
 water (K.F.)..... max. 0,01 %
 min. transmission/max. absorbance
 wavelength:
 208 nm..... T(%) A (AU)
 223 nm..... 20 % 0,699 AU
 232 nm..... 50 % 0,301 AU
 240 nm..... 80 % 0,097 AU
 250 nm..... 90 % 0,046 AU
 98 % 0,009 AU
 Microfiltered through membranes
 of pore diameter 0,22 µm

CI0033 Cyclohexane, UV spectroscopy grade, Spectrosol®*Hexahydrobenzene, Hexamethylene, Naphthene*

C_6H_{12}	GHS information: Danger.	Packaging	Code
• M = 84,16 g/mol	H225 - H304 - H400 - H410 - H315 - H336	1 l	CI00331000
• CAS [110-82-7]	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	2,5 l	CI00332500
• Density: 0,78	P501a		

Store between 15°C and 25°C

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,01 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
208 nm.....	20 % 0,699 AU
223 nm.....	50 % 0,301 AU
232 nm.....	80 % 0,097 AU
240 nm.....	90 % 0,046 AU
250 nm.....	98 % 0,009 AU

CI0035 Cyclohexane, for GC residue analysis*Hexahydrobenzene, Hexamethylene, Naphthene*

C_6H_{12}	GHS information: Danger.	Packaging	Code
• M = 84,16 g/mol	H225 - H304 - H400 - H410 - H315 - H336	1 l	CI00351000
• CAS [110-82-7]	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	2,5 l	CI00352500
• Density: 0,78	P501a		

Store between 15°C and 25°C

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,01 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	

CI0036 Cyclohexane, GC ultra-trace analysis grade*Hexahydrobenzene, Hexamethylene, Naphthene*

C_6H_{12}	GHS information: Danger.	Packaging	Code
• M = 84,16 g/mol	H225 - H304 - H400 - H410 - H315 - H336	1 l	CI00361000
• CAS [110-82-7]	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	2,5 l	CI00362500
• Density: 0,78	P501a		

Store between 15°C and 25°C

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,01 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	
Suitable for highly volatile halogenated	
hydrocarbons trace analysis	
Suitable for pesticide and polycyclic	
aromatic hydrocarbons residue analysis:	

CI0030 Cyclohexane, 99,7%, anhydrous (max. 0,005 % H₂O)*Hexahydrobenzene, Hexamethylene, Naphthene*

C_6H_{12}	GHS information: Danger.	Packaging	Code
• M = 84,16 g/mol	H225 - H304 - H400 - H410 - H315 - H336	100 ml	CI00300100
• CAS [110-82-7]	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	500 ml	CI00300500
• Density: 0,78	P501a	1 l	CI00301000

Store between 15°C and 25°C

assay (G.C.).....	min. 99,7 %
water (K.F.).....	max. 0,005 %

Cyclo

CI0029 Cyclohexane, 99,5%, anhydrous (max. 0,005 % H₂O), with molecular sieves



Hexahydrobenzene, Hexamethylene, Naphthene

C ₆ H ₁₂		GHS information: Danger.	Packaging	Code
- M = 84,16 g/mol - CAS [110-82-7] - Density: 0,78	- Melting point: 6 °C - Boiling point: 80,7 - 81 °C - UN 1145	H225 - H304 - H400 - H410 - H315 - H336 P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a	250 ml	CI00291000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

CI0037 Cyclohexane-d₁₂, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®



C ₆ D ₁₂		GHS information: Danger.	Packaging	Code
- M = 96,25 g/mol - CAS [1735-17-7] - Density: 0,78	- Melting point: 8 °C - Boiling point: 82 °C - UN 1145	H225 - H304 - H400 - H410 - H315 - H336 P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a	x10x0,75	CI0037.750

Store between 15°C and 25°C

CI0040 Cyclohexanol, synthesis grade



Hexahydrophenol, Hydroxycyclohexane

C ₆ H ₁₂ O		GHS information: Warning.	Packaging	Code
- M = 100,16 g/mol - CAS [108-93-0] - Density: (25 °C) 0,94	- Melting point: 25 °C - Boiling point: 161 °C	H302 - H332 - H315 - H335 P261 - P280 - P321 - P362 - P405 - P501a	1 l	CI00401000

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

CI0042 Cyclohexanol, reagent grade



Hexahydrophenol, Hydroxycyclohexane

C ₆ H ₁₂ O		GHS information: Warning.	Packaging	Code
- M = 100,16 g/mol - CAS [108-93-0] - Density: (25 °C) 0,94	- Melting point: 25 °C - Boiling point: 161 °C	H302 - H332 - H315 - H335 P261 - P280 - P321 - P362 - P405 - P501a	1 l	CI00421000

Store between 15°C and 25°C

assay (G.C.)..... min.99,5 %

CI0050 Cyclohexanone, extra pure



Pimelic ketone

C ₆ H ₁₀ O		GHS information: Warning.	Packaging	Code
- M = 98,15 g/mol - CAS [108-94-1] - Density: 0,95	- Melting point: -31 °C - Boiling point: ~ 156 °C - UN 1915	H226 - H332 P210 - P241 - P261 - P280 - P303+P361+P353 - P501a	1 l	CI00501000
			2,5 l	CI00502500
			5 l	CI0050005P

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

CI0060 Cyclohexene, synthesis grade, stabilized with approx. 100 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



1,2,3,4-Tetrahydrobenzene

C ₆ H ₁₀		GHS information: Danger.	Packaging	Code
- M = 82,15 g/mol - CAS [110-83-8] - Density: 0,81	- Melting point: -104 °C - Boiling point: 83 °C - UN 2256	H225 - H302 - H312 P210 - P241 - P280 - P303+P361+P353 - P322 - P501a	1 l	CI00601000
			5 l	CI0060005P
			25 l	CI0060025P

assay (G.C.) min. 99 %

CI0070 Cyclohexylamine, synthesis grade*Cyclohexanamine, Aminocyclohexane*

- M = 99,18 g/mol
- CAS [108-91-8]
- Density: 0,87

- Melting point: -18 °C
- Boiling point: 133 - 134 °C
- UN 2357

GHS information: Danger.

H314 - H226 - H302 - H312

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l CI00701000

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

CI0305 L-Cysteine hydrochloride anhydrous, extra pure*Thioserine*

- M = 157,62 g/mol
- CAS [52-89-1]

- Melting point: 175 - 178 °C (decomposes)

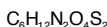
assay (argentometric)..... min. 99 %

Store between 15°C and 25°C

Packaging Code

25 g CI03050025

100 g CI03050100

CI0315 L-Cystine, extra pure, Ph Eur, BP*Dicysteine*

- M = 240,30 g/mol
- CAS [56-89-3]

- Melting point: 261 - 262 °C (decomposes)

assay (titr. with HClO₄, on

dried substance).....

residual solvents (Ph Eur/ICH).....

98,5 - 101 %
excluded by
production process

Store between 5°C and 30°C

Packaging Code

100 g CI03150100

DE0020 Decahydronaphthalene, mixture of isomers, synthesis grade*Decalin*

- M = 138,25 g/mol
- CAS [91-17-8]
- Density: 0,88

- Melting point: -32 °C
- Boiling point: 189 - 191 °C
- UN 1147

GHS information: Danger.

H314 - H226 - H332 - H411

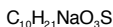
P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (G.C.)..... min. 98 %

Packaging Code

1 l DE00201000

AC0801 1-Decane sulfonic acid, sodium salt, HPLC grade*Sodium 1-decylsulfonate*

- M = 244,33 g/mol
- CAS [13419-61-9]

- Melting point: > 300 °C

powder, white

Store between 15°C and 25°C

assay (acidimetric) min. 98 %

maximum absorbance of an aqueous

solution (5 %) in a 1,0 cm cell at

wavelength:

210 nm..... 0,05 AU

220 nm..... 0,03 AU

230 nm..... 0,02 AU

260 nm..... 0,02 AU

Packaging Code

25 g AC08010025

DE0037 Deuterium oxide, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®*Heavy water*

- M = 20,03 g/mol
- CAS [7789-20-0]
- Density: 1,11

- Melting point: 3,8 °C
- Boiling point: 101 °C

Packaging Code

x10x0,75 DE0037.750

10 ml DE00370010

100 ml DE00370100

500 ml DE00370500

1 l DE00371000

Deute

DE0038 Deuterium oxide, deuteration degree min. 99,95%, NMR spectroscopy grade, Spectrosol®

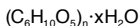
Heavy water



- M = 20,03 g/mol
- CAS [7789-20-0]
- Density: 1,11
- Melting point: 3,8 °C
- Boiling point: 101 °C

Packaging	Code
x10x0,75 	DE0038.750
10 ml 	DE00380010
100 ml 	DE00380100

DE0040 Dextrin white, extra pure, Ph Eur



- CAS [9004-53-9]

powder, white or almost white
Store between 15°C and 25°C

residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging	Code
1 kg 	DE00401000

Dextrose. See D(+)-Glucose anhydrous page 133

Diacetone alcohol. See 4-Hydroxy-4-methyl-2-pentanone page 155

DI0030 Diacetylmonoxime, reagent grade



- M = 101,11 g/mol
- CAS [57-71-6]
- Melting point: 74 - 76 °C
- Boiling point: 185 - 186 °C

assay (DSC) min. 99 %

Store between 15°C and 25°C

Packaging	Code
25 g 	DI00300025
100 g 	DI00300100

1,2-Diaminoethane dihydrochloride. See Ethylenediamine dihydrochloride page 120

3,8-Diamino-5-ethyl-6-phenylphenantridinium bromide. See Ethidium bromide page 116

3,8-Diamino-5-methyl-6-phenylphenanthridinium bromide. See Dimidium bromide page 104

Diatomaceous earth. See Siliceous earth page 258

DI0300 Dibutylamine, synthesis grade



N-Butyl-1-butanamine



- M = 129,25 g/mol
- CAS [111-92-2]
- Density: 0,76
- Melting point: -62 °C
- Boiling point: 160 - 162 °C
- UN 2248

GHS information: Warning.
H226 - H302 - H312 - H332
P210 - P241 - P261 - P280 - P303+P361+P353 -
P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

Packaging	Code
1 l 	DI03001000
2,5 l 	DI03002500

ET0060 Dibutyl ether, synthesis grade



Butyl ether



- M = 130,23 g/mol
- CAS [142-96-1]
- Density: 0,77
- Melting point: -95 °C
- Boiling point: 140 - 143 °C
- UN 1149

GHS information: Warning.
H226 - H315 - H319 - H335 - H412
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

Packaging	Code
1 l 	ET00601000
2,5 l 	ET00602500

DI0315 2,6-Di-tert-butyl-4-methylphenol, synthesis grade*2,6-Di-tert-butyl-p-cresol, BHT, Butylhydroxytoluene, Ionol*

- M = 220,36 g/mol
- CAS [128-37-0]

- Melting point: 69 - 70 °C
- Boiling point: 265 °C

GHS information: Warning.

H315 - H319 - H413

P280 - P273 - P305+P351+P338 - P321 - P362 - P501a

Packaging Code

250 g DI03150250

500 g DI03150500

1 kg DI03151000

crystals, colourless

assay (G.C.)..... min. 99 %

FT0035 Dibutyl phthalate, synthesis grade*Phthalic acid dibutyl ester, DBP*

- M = 278,36 g/mol
- CAS [84-74-2]
- Density: 1,05

- Boiling point: ~ 340 °C
- UN 3082

GHS information: Danger.

H360Df - H400

P281 - P273 - P308+P313 - P391 - P405 - P501a

Packaging Code

1 l FT00351000

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

DI0382 1,2-Dichlorobenzene, synthesis grade*o-Chlorobenzene*

- M = 147,03 g/mol
- CAS [95-50-1]
- Density: 1,31

- Melting point: -17 °C
- Boiling point: 180 °C
- UN 1591

GHS information: Warning.

H400 - H410 - H302 - H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

1 l DI03821000

2,5 l DI03822500

5 l DI0382005P

assay (G.C.) min. 99,5 %

DI0385 1,2-Dichlorobenzene-d4, deuteration degree min. 99%, NMR spectroscopy grade, Spectrosol®

- M = 151,03 g/mol
- CAS [2199-69-1]
- Density: 1,31

- Melting point: -17 °C
- Boiling point: 180 °C
- UN 1591

GHS information: Warning.

H400 - H410 - H302 - H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

5 ml DI03850005

DI0406 1,2-Dichloroethane, extra pure*Ethylene chloride, Ethylene dichloride*

- M = 98,97 g/mol
- CAS [107-06-2]
- Density: 1,25

- Melting point: -35,5 °C
- Boiling point: 83,5 - 84,1 °C
- UN 1184

GHS information: Danger.

H225 - H350 - H302 - H315 - H319 - H335

P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a

Packaging Code

1 l DI04061000

2,5 l DI04062500

5 l DI0406005P

25 l DI0406025A

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,02 %**DI0407 1,2-Dichloroethane, reagent grade, ACS***Ethylene chloride, Ethylene dichloride*

- M = 98,97 g/mol
- CAS [107-06-2]
- Density: 1,25

- Melting point: -35,5 °C
- Boiling point: 83,5 - 84,1 °C
- UN 1184

GHS information: Danger.

H225 - H350 - H302 - H315 - H319 - H335

P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a

Packaging Code

1 l DI04071000

2,5 l DI04072500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

Dichl

DI0408 1,2-Dichloroethane, spectroscopy grade, Spectrosol®



Ethylene chloride, Ethylene dichloride



- M = 98,97 g/mol
- CAS [107-06-2]
- Density: 1,25

- Melting point: -35,5 °C
- Boiling point: 83,5 - 84,1 °C
- UN 1184

GHS information: Danger.

H225 - H350 - H302 - H315 - H319 - H335
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code

1 l DI04081000
2,5 l DI04082500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
minimum transmission /max. absorbance
wavelength: T (%) A (AU)
230 nm..... 20 % 0,699 AU
235 nm..... 50 % 0,301 AU
240 nm..... 80 % 0,097 AU
245 nm..... 90 % 0,046 AU
260 nm..... 98 % 0,009 AU

DI0409 1,2-Dichloroethane, HPLC grade



Ethylene chloride, Ethylene dichloride



- M = 98,97 g/mol
- CAS [107-06-2]
- Density: 1,25

- Melting point: -35,5 °C
- Boiling point: 83,5 - 84,1 °C
- UN 1184

GHS information: Danger.

H225 - H350 - H302 - H315 - H319 - H335
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code

1 l DI04091000
2,5 l DI04092500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,01 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
230 nm..... 20 % 0,699 AU
235 nm..... 50 % 0,301 AU
245 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

DI0411 1,2-Dichloroethane, 99,5%, anhydrous (max. 0,005 % H₂O)



Ethylene chloride, Ethylene dichloride



- M = 98,97 g/mol
- CAS [107-06-2]
- Density: 1,25

- Melting point: -35,5 °C
- Boiling point: 83,5 - 84,1 °C
- UN 1184

GHS information: Danger.

H225 - H350 - H302 - H315 - H319 - H335
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code

100 ml DI04110100
500 ml DI04110500
1 l DI04111000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

DI0410 1,2-Dichloroethane, max. 0,005% H₂O, DNA synthesis grade



Ethylene chloride, Ethylene dichloride



- M = 98,97 g/mol
- CAS [107-06-2]
- Density: 1,25

- Melting point: -35,5 °C
- Boiling point: 83,5 - 84,1 °C
- UN 1184

GHS information: Danger.

H225 - H350 - H302 - H315 - H319 - H335
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

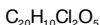
Packaging Code

1 l DI04101000
2,5 l DI04102500

Store between 15°C and 25°C

DI0425 2',7'-Dichlorofluorescein, indicator

2',7'-Dichloro-3',6'-dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one



- M = 401,21 g/mol

- CAS [76-54-0]

Packaging Code

5 g DI04250005

Store between 5°C and 30°C

CL0329 Dichloromethane, synthesis grade, stabilized with approx. 50 ppm of amylene*Methylene chloride, Chloromethylene*

- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min. 99,8 %

Store between 15°C and 25°C

Packaging Code

1 l CL03291000
 2,5 l CL03292500
 5 l CL0329005P
 25 l CL0329025P
 25 l CL0329025L

CL0331 Dichloromethane, extra pure, stabilized with approx. 50 ppm of amylene, Ph Eur, NF*Methylene chloride, Chloromethylene*

- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min. 99,9 %
 non-volatile matter..... max. 0,001 %
 water (K.F.)..... max. 0,02 %
 other residual solvents (Ph Eur/ICH)..... excluded by
 process production

Store between 15°C and 25°C

Packaging Code

1 l CL03311000
 2,5 l CL03312500
 5 l CL0331005P
 5 l CL0331005L
 25 l CL0331025A
 25 l CL0331025B

CL0348 Dichloromethane, analytical grade, stabilized with approx. 50 ppm of amylene, ACS, Reag. Ph Eur, NF*Methylene chloride, Chloromethylene*

- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min. 99,9 %
 non-volatile matter..... max. 0,001 %
 water (K.F.)..... max. 0,02 %

Store between 15°C and 25°C

Packaging Code

1 l CL03481000
 2,5 l CL03482500
 5 l CL0348005P
 25 l CL0348025A
 25 l CL0348025B

CL0332 Dichloromethane, reagent grade, stabilized with ethanol*Methylene chloride, Chloromethylene*

- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min. 99,5 %
 non-volatile matter..... max. 0,005 %
 water (K.F.)..... max. 0,02 %

Store between 15°C and 25°C

Packaging Code

1 l CL03321000
 2,5 l CL03322500
 25 l CL0332025B

CL0342 Dichloromethane, reagent grade, ACS, ISO, Reag. Ph Eur, stabilized with approx. 50 ppm of amylene*Methylene chloride, Chloromethylene*

- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min. 99,9 %
 non-volatile matter..... max. 0,005 %
 water (K.F.)..... max. 0,01 %

Store between 15°C and 25°C

Packaging Code

1 l CL03421000
 2,5 l CL03422500
 25 l CL0342025B

CL0338 Dichloromethane, dried (max. 0,005% H₂O), reagent grade, stabilized with approx. 50 ppm of amylene*Methylene chloride, Chloromethylene*

- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min. 99,9 %
 water (K.F.)..... max. 0,005 %

Store between 15°C and 25°C

Packaging Code

1 l CL03381000
 2,5 l CL03382500

Dichl

CL0347 Dichloromethane, stabilized with approx. 50 ppm of amylene,
Multisolvent® HPLC grade ACS ISO UV-VIS



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,01 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
235 nm.....	20 % 0,699 AU
240 nm.....	50 % 0,301 AU
245 nm.....	80 % 0,097 AU
248 nm.....	90 % 0,046 AU
255 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l CL03471000

2,5 l CL03472500

4 l CL03474000

25 l CL0347025B

CL0333 Dichloromethane, spectroscopy grade, stabilized with ethanol,
Spectrosol®



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,01 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
230 nm.....	10 % 1,000 AU
240 nm.....	70 % 0,155 AU
250 nm.....	95 % 0,022 AU
255 nm.....	98 % 0,009 AU

Packaging Code

1 l CL03331000

2,5 l CL03332500

CL0344 Dichloromethane, spectroscopy grade, stabilized with approx. 50 ppm of
amylene, Spectrosol®



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,01 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
235 nm.....	10 % 1,000 AU
240 nm.....	50 % 0,301 AU
245 nm.....	80 % 0,097 AU
248 nm.....	90 % 0,046 AU
255 nm.....	98 % 0,009 AU

Packaging Code

1 l CL03441000

2,5 l CL03442500

CL0335 Dichloromethane, HPLC grade, stabilized with ethanol



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,0003 %
water (K.F.).....	max. 0,01 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
235 nm.....	20 % 0,699 AU
238 nm.....	50 % 0,301 AU
247 nm.....	90 % 0,046 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l CL03351000

2,5 l CL03352500

CL0340 Dichloromethane, for GC residue analysis, stabilized with ethanol



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min.99,8 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis

Packaging Code

1 l CL03401000

2,5 l CL03402500

CL0345 Dichloromethane, for GC residue analysis, stabilized with approx. 50 ppm of amylene



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min.99,8 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis
Suitable for pesticide and polycyclic
aromatic hydrocarbons residue analysis

Packaging Code

1 l CL03451000

2,5 l CL03452500

CL0341 Dichloromethane, GC ultra-trace analysis grade, stabilized with ethanol



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis
Suitable for pesticide and polycyclic
aromatic hydrocarbons residue analysis

Packaging Code

1 l CL03411000

2,5 l CL03412500

CL0349 Dichloromethane, 99,9%, anhydrous (max. 0,003 % H₂O), stabilized with approx. 50 ppm of amylene



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

water (K.F.)..... max. 0,003 %

Packaging Code

100 ml CL03490100

500 ml CL03490500

1 l CL03491000

CL0350 Dichloromethane, 99,9%, anhydrous (max. 0,003 % H₂O), with molecular sieves



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

Store between 15°C and 25°C

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min. 99,9 %
water (K.F.)..... max. 0,003 %

Packaging Code

1 l CL03501000

Dichl

CL0343 Dichloromethane, DNA synthesis grade



Methylene chloride, Chloromethylene



- M = 84,93 g/mol
- CAS [75-09-2]
- Density: 1,32

- Melting point: ~ -95 °C
- Boiling point: 40 °C
- UN 1593

GHS information: Warning.

H351

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (G.C.)..... min. 99,9 %
water (K.F.)..... max. 0,005 %

Store between 15°C and 25°C

Packaging Code

1 l CL03431000

CL0337 Dichloromethane-d2, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®



Methylene chloride-d2, Dideuteromethylene chloride, Dideuterodichloromethane



- M = 86,95 g/mol
- CAS [1665-00-5]
- Density: 1,36

- Melting point: -97 °C
- Boiling point: 39 °C
- UN 1593

GHS information: Danger.

H350 - H361 - H302 - H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

x10x0,75 CL0337.750

10 ml CL03370010

Store between 15°C and 25°C

CL0339 Dichloromethane-d2, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®



Methylene chloride-d2, Dideuteromethylene chloride, Dideuterodichloromethane



- M = 86,95 g/mol
- CAS [1665-00-5]
- Density: 1,36

- Melting point: -97 °C
- Boiling point: 39 °C
- UN 1593

GHS information: Danger.

H350 - H361 - H302 - H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

x10x0,75 CL0339.750

10 ml CL03390010

Store between 15°C and 25°C

DI0415 2,6-Dichlorophenol-indophenol, sodium salt dihydrate, indicator, reagent grade, ACS

2,6-Dichloroindophenol sodium, 2,6-Dichloro-1,4-benzoquinone-4-(4-hydroxyanil) sodium



- M = 326,11 g/mol

- CAS [620-45-1]

assay (titr. with HClO_4 , referred to dried substance)..... min. 98 %

Store between 15°C and 25°C

Packaging Code

5 g DI04150005

25 g DI04150025

DI0470 Diethanolamine, synthesis grade



2,2'-Iminodiethanol, Bis(β-hydroxyethyl)amine, 2,2'-Dihydroxydiethylamine



- M = 105,14 g/mol
- CAS [111-42-2]
- Density: 1,09

- Melting point: 28 °C
- Boiling point: 269 - 271 °C

GHS information: Danger.

H318 - H373 - H302 - H315

P260 - P280 - P305+P351+P338 - P310 - P321 - P501a

Packaging Code

1 l DI04701000

2,5 l DI04702500

5 l DI0470005P

Hygroscopic

assay (acidimetric)..... min. 98 %

Store between 15°C and 25°C

DI0472 Diethanolamine, extra pure, NF, Reag. Ph Eur



2,2'-Iminodiethanol, Bis(β-hydroxyethyl)amine, 2,2'-Dihydroxydiethylamine



- M = 105,14 g/mol
- CAS [111-42-2]
- Density: 1,09

- Melting point: 28 °C
- Boiling point: 269 - 271 °C

GHS information: Danger.

H318 - H373 - H302 - H315

P260 - P280 - P305+P351+P338 - P310 - P321 - P501a

Packaging Code

250 ml DI04720250

1 l DI04721000

5 l DI0472005P

Hygroscopic

assay (acidimetric, on dried substance).... 98,5 - 101 %

Store between 15°C and 25°C

DI0485 Diethylamine, extra pure*N-Ethylethanamine*

- M = 73,14 g/mol
- CAS [109-89-7]
- Density: 0,71

- Melting point: -48 °C
- Boiling point: 56 °C
- UN 1154

GHS information: Danger.

H225 - H314 - H302 - H312 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l DI04851000

2,5 l DI04852500

5 l DI0485005P

25 l DI0485025A

assay (G.C.)..... min. 99 %

DI0486 Diethylamine, reagent grade, ACS, Reag. Ph Eur*N-Ethylethanamine*

- M = 73,14 g/mol
- CAS [109-89-7]
- Density: 0,71

- Melting point: -48 °C
- Boiling point: 56 °C
- UN 1154

GHS information: Danger.

H225 - H314 - H302 - H312 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

250 ml DI04860250

1 l DI04861000

assay (G.C.)..... min. 99 %

DI0500 2-(Diethylamino)-ethanol, extra pure*N,N-Diethylethanamine*

- M = 117,19 g/mol
- CAS [100-37-8]
- Density: 0,88

- Melting point: -68 °C
- Boiling point: 163 °C
- UN 2686

GHS information: Danger.

H314 - H226 - H302 - H312 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l DI05001000

5 l DI0500005P

Hygroscopic

assay (G.C.) min. 99 %

Store between 15°C and 25°C

DI0562 Diethylene glycol, synthesis grade*2,2'-Oxydiethanol, 2,2'-Dihydroxydiethyl ether, Diglycol*

- M = 106,12 g/mol
- CAS [111-46-6]
- Density: 1,12

- Melting point: ~ -10 °C
- Boiling point: 244 - 252 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

1 l DI05621000

2,5 l DI05622500

5 l DI0562005P

assay (G.C.)..... min. 99 %

Hygroscopic

Store between 15°C and 25°C

DI0572 Diethylene glycol monobutyl ether, synthesis grade*Butyl diglycol, 2-(2-Butoxyethoxy)ethanol, Butyl carbitol*

- M = 162,23 g/mol
- CAS [112-34-5]
- Density: 0,95

- Melting point: -68 °C
- Boiling point: 226 - 234 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

1 l DI05721000

5 l DI0572005P

assay (G.C.)..... min. 99 %
water (K.F.)..... max. 0,2 %

Store between 15°C and 25°C

DI0573 Diethylene glycol monobutyl ether, reagent grade*Butyl diglycol, 2-(2-Butoxyethoxy)ethanol, Butyl carbitol*

- M = 162,23 g/mol
- CAS [112-34-5]
- Density: 0,95

- Melting point: -68 °C
- Boiling point: 226 - 234 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

1 l DI05731000

assay (G.C.)..... min. 99 %
water (K.F.)..... max. 0,03 %

Store between 15°C and 25°C

Dieth

DI0580 Diethylene glycol monoethyl ether, synthesis grade

Ethyl diglycol, 2-(2-Ethoxyethoxy)-ethanol, Carbitol



- M = 134,18 g/mol
- CAS [111-90-0]
- Density: 0,99

- Melting point: -80 °C
- Boiling point: 207 °C

assay (G.C.)..... min. 98 %

Hygroscopic

Store between 15°C and 25°C

Packaging Code

- 1 l DI05801000
- 5 l DI0580005P

N,N-Diethylethanolamine. See 2-(Diethylamino)-ethanol page 91

ET0077 Diethyl ether, synthesis grade, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



Ethyl ether, Ethyl oxide, Ether



- M = 74,12 g/mol
- CAS [60-29-7]
- Density: 0,71

- Melting point: -116,3 °C
- Boiling point: 34,6 °C
- UN 1155

GHS information: Danger.

H224 - H302 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

- 1 l ET00771000
- 2,5 l ET00772500
- 5 l ET0077005M
- 25 l ET0077025L

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

ET0078 Diethyl ether, extra pure, Ph Eur, BP, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



Ethyl ether, Ethyl oxide, Ether



- M = 74,12 g/mol
- CAS [60-29-7]
- Density: 0,71

- Melting point: -116,3 °C
- Boiling point: 34,6 °C
- UN 1155

GHS information: Danger.

H224 - H302 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

- 1 l ET00781000
- 2,5 l ET00782500
- 5 l ET0078005M
- 7 l ET0078007E
- 25 l ET0078025A
- 25 l ET0078025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
non volatile matter..... max. 0,002 %
water (K.F.)..... max. 0,05 %
other residual solvents (Ph Eur/ICH)..... excluded by production process

ET0081 Diethyl ether, analytical grade, ACS, Reag. Ph Eur, USP, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



Ethyl ether, Ethyl oxide, Ether



- M = 74,12 g/mol
- CAS [60-29-7]
- Density: 0,71

- Melting point: -116,3 °C
- Boiling point: 34,6 °C
- UN 1155

GHS information: Danger.

H224 - H302 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

- 1 l ET00811000
- 2,5 l ET00812500
- 5 l ET0081005M
- 7 l ET0081007E
- 25 l ET0081025A
- 25 l ET0081025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,05 %

ET0079 Diethyl ether, reagent grade, ACS, ISO, Reag. Ph Eur, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



Ethyl ether, Ethyl oxide, Ether



- M = 74,12 g/mol
- CAS [60-29-7]
- Density: 0,71

- Melting point: -116,3 °C
- Boiling point: 34,6 °C
- UN 1155

GHS information: Danger.

H224 - H302 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

- 1 l ET00791000
- 2,5 l ET00792500
- 5 l ET0079005M
- 7 l ET0079007E
- 25 l ET0079025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,7 %

ET0080 Diethyl ether, dried (max. 0,0075% H₂O), reagent grade, stabilized with approx.7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)*Ethyl ether, Ethyl oxide, Ether*

• M = 74,12 g/mol
• CAS [60-29-7]
• Density: 0,71

• Melting point: -116,3 °C
• Boiling point: 34,6 °C
• UN 1155

GHS information: Danger.

H224 - H302 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l ET00801000

2,5 l ET00802500

Store between 15°C and 25°C

assay (G.C.).....

min. 99,5 %

water (K.F.).....

max. 0,0075 %

ET0082 Diethyl ether, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT), Multisolvant® ACS ISO*Ethyl ether, Ethyl oxide, Ether*

• M = 74,12 g/mol
• CAS [60-29-7]
• Density: 0,71

• Melting point: -116,3 °C
• Boiling point: 34,6 °C
• UN 1155

GHS information: Danger.

H224 - H302 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l ET00821000

2,5 l ET00822500

7 l ET0082007E

25 l ET0082025S

Store between 15°C and 25°C

assay (G.C.).....

min. 99,7 %

non-volatile matter.....

max. 0,001 %

water (K.F.).....

max. 0,03 %

ET0083 Diethyl ether, 99,7 %, anhydrous (max. 0,005 % H₂O), stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)*Ethyl ether, Ethyl oxide, Ether*

• M = 74,12 g/mol
• CAS [60-29-7]
• Density: 0,71

• Melting point: -116,3 °C
• Boiling point: 34,6 °C
• UN 1155

GHS information: Danger.

H224 - H302 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

100 ml ET00830100

500 ml ET00830500

1 l ET00831000

Store between 15°C and 25°C

assay (G.C.).....

min. 99,7 %

water (K.F.).....

max. 0,005 %

ET0074 Diethyl ether, 99,5%, anhydrous (max. 0,005 % H₂O), with molecular sieves, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol*Ethyl ether, Ethyl oxide, Ether*

• M = 74,12 g/mol
• CAS [60-29-7]
• Density: 0,71

• Melting point: -116,3 °C
• Boiling point: 34,6 °C
• UN 1155

GHS information: Danger.

H224 - H302 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l ET00741000

Store between 15°C and 25°C

assay (G.C.).....

min. 99,5 %

water (K.F.).....

max. 0,005 %

ET0084 Diethyl ether, NMR tested, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)*Ethyl ether, Ethyl oxide, Ether*

• M = 74,12 g/mol
• CAS [60-29-7]
• Density: 0,71

• Melting point: -116,3 °C
• Boiling point: 34,6 °C
• UN 1155

GHS information: Danger.

H224 - H302 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l ET00841000

Store between 15°C and 25°C

FT0045 Diethyl phthalate, synthesis grade*Ethyl phthalate, DEP, Phthalic acid diethyl ester*

• M = 222,24 g/mol
• CAS [84-66-2]
• Density: 1,12

• Melting point: -3 °C
• Boiling point: 296 - 298 °C

assay (G.C.).....

min. 99 %

Packaging Code

1 l FT00451000

2,5 l FT00452500

Store between 15°C and 25°C

Dieth

SU0110 Diethyl sulfate, extra pure



Sulfuric acid diethyl ester, Ethyl sulfate



- M = 154,19 g/mol
- CAS [64-67-5]
- Density: 1,18

- Melting point: -25 °C
- Boiling point: (20 hPa) 96 °C
- UN 1594

GHS information: Danger.

H340 - H350 - H314 - H302 - H312 - H332

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l SU01101000

Store between 15°C and 25°C

assay (G.C.) min. 99 %

DI0775 1,8-Dihydroxyanthraquinone, synthesis grade

Chrysazin, Dantron



- M = 240,22 g/mol
- CAS [117-10-2]

- Melting point: 190 - 193 °C

Packaging Code

100 g DI07750100

assay (acidimetric)..... min. 98 %

1,2-Dihydroxybenzene. See Pyrocatechol page 253

1,4-Dihydroxybenzene. See Hydroquinone page 154

2,3-Dihydroxybutanedioic acid. See L-(+)-Tartaric acid page 317

4,5-Dihydroxy-2,7-naphthalenedisulfonic acid disodium salt dihydrate. See Chromotropic acid, disodium salt dihydrate page 71

DI0795 3,4-Dihydroxy-L-phenylalanine, extra pure



L-DOPA



- M = 197,19 g/mol
- CAS [59-92-7]

- Melting point: 276 - 278 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

25 g DI07950025

Store between 15°C and 25°C

assay (titr. with HClO4) min 99 %

DI0810 Diisobutyl ketone, extra pure



2,6-Dimethyl-4-heptanone, Isobutyl ketone



- M = 142,24 g/mol
- CAS [108-83-8]
- Density: 0,81

- Melting point: -46 °C
- Boiling point: 168 °C
- UN 1157

GHS information: Warning.

H226 - H335

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l DI08101000

2,5 l DI08102500

Store between 15°C and 25°C

total isomer content (G.C.) min. 99 %

DI0825 Diisopropanolamine, synthesis grade



1,1-Iminodi-2-propanol, Bis(2-hydroxypropyl)amine



- M = 133,19 g/mol
- CAS [110-97-4]
- Density: 0,99

- Melting point: 36 - 42 °C
- Boiling point: 249 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

1 kg DI08251000

Hygroscopic

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %

DI0827 Diisopropanolamine, extra pure, NF*1,1-Iminodi-2-propanol, Bis(2-hydroxypropyl)amine*

- M = 133,19 g/mol
- CAS [110-97-4]
- Density: 0,99

- Melting point: 36 - 42 °C
- Boiling point: 249 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric)..... min. 99 %

Hygroscopic

Store between 15°C and 25°C

Packaging Code

1 kg DI08271000

25 kg DI0827025P

ET0085 Diisopropyl ether, synthesis grade, stabilized with approx. 10 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)*Isopropyl ether, 2,2'-Oxybis[propane], 2,2-Propoxypropane*

- M = 102,18 g/mol
- CAS [108-20-3]
- Density: 0,72

- Melting point: -86 °C
- Boiling point: 67 - 70 °C
- UN 1159

GHS information: Danger.

H225 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

assay (G.C.)..... min. 99 %

Store between 2°C and 8°C

Packaging Code

1 l ET00851000

2,5 l ET00852500

5 l ET0085005L

25 l ET0085025L

ET0086 Diisopropyl ether, extra pure, stabilized with approx. 10 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)*Isopropyl ether, 2,2'-Oxybis[propane], 2,2-Propoxypropane*

- M = 102,18 g/mol
- CAS [108-20-3]
- Density: 0,72

- Melting point: -86 °C
- Boiling point: 67 - 70 °C
- UN 1159

GHS information: Danger.

H225 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

 assay (G.C.)..... min. 99 %
 non volatile matter..... max. 0,005 %
 water (K.F.)..... max. 0,05 %

Store between 2°C and 8°C

Packaging Code

1 l ET00861000

ET0087 Diisopropyl ether, reagent grade, ACS, stabilized with approx. 50 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)*Isopropyl ether, 2,2'-Oxybis[propane], 2,2-Propoxypropane*

- M = 102,18 g/mol
- CAS [108-20-3]
- Density: 0,72

- Melting point: -86 °C
- Boiling point: 67 - 70 °C
- UN 1159

GHS information: Danger.

H225 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

assay (G.C.)..... min. 99,5 %

Store between 2°C and 8°C

Packaging Code

1 l ET00871000

2,5 l ET00872500

25 l ET0087025S

ET0089 Diisopropyl ether, 99,5%, anhydrous (max. 0,005 % H₂O), stabilized with approx. 10 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)*Isopropyl ether, 2,2'-Oxybis[propane], 2,2-Propoxypropane*

- M = 102,18 g/mol
- CAS [108-20-3]
- Density: 0,72

- Melting point: -86 °C
- Boiling point: 67 - 70 °C
- UN 1159

GHS information: Danger.

H225 - H336 - EUH066

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

 assay (G.C.)..... min. 99,5 %
 water (K.F.)..... max. 0,005 %

Store between 2°C and 8°C

Packaging Code

100 ml ET00890100

500 ml ET00890500

1 l ET00891000

DI0840 Dimedone, reagent grade (reagent for aldehydes)*5,5-Dimethyl-1,3-cyclohexanedione, 5,5-Dimethyldihydroresorcinol,*

- M = 140,18 g/mol
- CAS [126-81-8]

- Melting point: 148 - 150 °C (decomposes)

assay (acidimetric, on dried sample)..... min. 99,5 %

Store between 15°C and 25°C

Packaging Code

25 g DI08400025

Dimet

DI0855 N,N-Dimethylacetamide, synthesis grade



Acetic acid dimethylamide



- M = 87,12 g/mol
- CAS [127-19-5]
- Density: 0,94

- Melting point: -20 °C
- Boiling point: 165 -166 °C

GHS information: Danger.
H360D - H312 - H332
P261 - P280 - P281 - P322 - P405 - P501a

assay (G.C.)..... min. 99,5 %

Hygroscopic

Store between 15°C and 25°C

Packaging	Code
1 l	DI08551000
2,5 l	DI08552500
5 l	DI0855005P
25 l	DI0855025L

DI0856 N,N-Dimethylacetamide, reagent grade



Acetic acid dimethylamide



- M = 87,12 g/mol
- CAS [127-19-5]
- Density: 0,94

- Melting point: -20 °C
- Boiling point: 165 -166 °C

GHS information: Danger.
H360D - H312 - H332
P261 - P280 - P281 - P322 - P405 - P501a

assay (G.C.)..... min. 99,5 %
non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,05 %

Hygroscopic

Store between 15°C and 25°C

Packaging	Code
1 l	DI08561000
2,5 l	DI08562500
25 l	DI0856025A

DI0857 N,N-Dimethylacetamide, spectroscopy grade, Spectrosol®



Acetic acid dimethylamide



- M = 87,12 g/mol
- CAS [127-19-5]
- Density: 0,94

- Melting point: -20 °C
- Boiling point: 165 -166 °C

GHS information: Danger.
H360D - H312 - H332
P261 - P280 - P281 - P322 - P405 - P501a

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,05 %
minimum transmission /max. absorbance
wavelength: T (%) A (AU)
270 nm..... 10 % 1,000 AU
280 nm..... 50 % 0,301 AU
290 nm..... 70 % 0,155 AU
320 nm..... 92 % 0,036 AU
>360 nm..... 97 % 0,013 AU

Hygroscopic

Store between 15°C and 25°C

Packaging	Code
1 l	DI08571000

DI0860 N,N-Dimethylacetamide, HPLC grade



Acetic acid dimethylamide



- M = 87,12 g/mol
- CAS [127-19-5]
- Density: 0,94

- Melting point: -20 °C
- Boiling point: 165 -166 °C

GHS information: Danger.
H360D - H312 - H332
P261 - P280 - P281 - P322 - P405 - P501a

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,05 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
275 nm..... 20 % 0,699 AU
285 nm..... 50 % 0,301 AU
310 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

Hygroscopic

Store between 15°C and 25°C

Packaging	Code
1 l	DI08601000
2,5 l	DI08602500

DI0862 N,N-Dimethylacetamide, GC head space grade



Acetic acid dimethylamide



- M = 87,12 g/mol
- CAS [127-19-5]
- Density: 0,94

- Melting point: -20 °C
- Boiling point: 165 -166 °C

GHS information: Danger.
H360D - H312 - H332
P261 - P280 - P281 - P322 - P405 - P501a

assay (G.C.)..... min. 99,99 %
water (K.F.)..... max. 0,03 %
Packed under inert gas
Suitable for residual solvents
analysis

Hygroscopic

Store between 15°C and 25°C

Packaging	Code
1 l	DI08621000
2,5 l	DI08622500

DI0861 N,N-Dimethylacetamide, 99,5%, anhydrous (max. 0,005 % H₂O)*Acetic acid dimethylamide*

- M = 87,12 g/mol
- CAS [127-19-5]
- Density: 0,94

- Melting point: -20 °C
- Boiling point: 165 -166 °C

GHS information: Danger.
H360D - H312 - H332
P261 - P280 - P281 - P322 - P405 - P501a

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

Hygroscopic

Store between 15°C and 25°C

Packaging Code
100 ml DI08610100
500 ml DI08610500
1 l DI08611000

DI0863 N,N-Dimethylacetamide, 99,5 %, anhydrous (max. 0,005 % H₂O), with molecular sieves*Acetic acid dimethylamide*

- M = 87,12 g/mol
- CAS [127-19-5]
- Density: 0,94

- Melting point: -20 °C
- Boiling point: 165 -166 °C

GHS information: Danger.
H360D - H312 - H332
P261 - P280 - P281 - P322 - P405 - P501a

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

Hygroscopic

Store between 15°C and 25°C

Packaging Code
1 l DI08631000

DI0870 Dimethylamine, solution 40% in water, w/w, synthesis grade*N-Methylmethanamine*

- M = 45,09 g/mol
- CAS [124-40-3]
- Density: 0,89

- Melting point: -37 °C
- Boiling point: 54 °C
- UN 1160

GHS information: Danger.
H225 - H318 - H335 - H336 - H315
P210 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Store between 15°C and 25°C

Packaging Code
1 l DI08701000

DI0899 4-(Dimethylamino)-azobenzene, synthesis grade*Methyl yellow, Dimethyl yellow, Solvent yellow 2*

- M = 225,30 g/mol
- CAS [60-11-7]

- Melting point: 113 - 117 °C
- UN 2811

GHS information: Danger.
H301 - H351 - H317
P261 - P280 - P301+P310 - P321 - P405 - P501a

Store between 15°C and 25°C

Packaging Code
25 g DI08990025
100 g DI08990100
500 g DI08990500

DI0900 4-(Dimethylamino)-azobenzene, reagent grade*Methyl yellow, Dimethyl yellow, Solvent yellow 2*

- M = 225,30 g/mol
- CAS [60-11-7]

- Melting point: 113 - 117 °C
- UN 2811

GHS information: Danger.
H301 - H351 - H317
P261 - P280 - P301+P310 - P321 - P405 - P501a

Store between 15°C and 25°C

Packaging Code
10 g DI09000010
100 g DI09000100

DI0935 4-(Dimethylamino)-benzaldehyde, synthesis grade*p-Formyl(dimethylaniline, Ehrlich's reagent*

- M = 149,19 g/mol
- CAS [100-10-7]

- Melting point: 72 - 75 °C
- Boiling point: (23 hPa) 176 - 177 °C

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

assay (titr. with HClO₄)..... min. 98 %

Store between 15°C and 25°C

Packaging Code
100 g DI09350100
250 g DI09350250

Dimet

DI0937 4-(Dimethylamino)-benzaldehyde, reagent grade, ACS



p-Formyldimethylaniline, Ehrlich's reagent

$C_9H_{11}NO$

- M = 149,18 g/mol
- CAS [100-10-7]

- Melting point: 72 - 75 °C
- Boiling point: (23 hPa) 176 - 177 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

25 g DI09370025

100 g DI09370100

assay (titr. with HClO4)..... min. 99 %

Store between 15°C and 25°C

DI0920 5-(4-Dimethylaminobenzylidene)-rhodanine, reagent grade

p-Dimethylaminobenzalrhodanine

$C_{12}H_{12}N_2OS_2$

- M = 264,37 g/mol

- CAS [536-17-4]

Packaging Code

5 g DI09200005

assay (of S)..... min. 98 %

Store between 15°C and 25°C

DI0950 2-(Dimethylamino)-ethanol, synthesis grade



N,N-Dimethylethanolamine

$C_4H_{11}NO$

- M = 89,14 g/mol
- CAS [108-01-0]
- Density: 0,89

- Melting point: < -70 °C
- Boiling point: 132 - 135 °C
- UN 2051

GHS information: Danger.

H314 - H226 - H302 - H312 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l DI09501000

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

DI0972 *N,N*-Dimethylaniline, synthesis grade



Dimethylaminobenzene

$C_8H_{11}N$

- M = 121,18 g/mol
- CAS [121-69-7]
- Density: 0,96

- Melting point: 2,45 °C
- Boiling point: 194,2 °C
- UN 2253

GHS information: Danger.

H301 - H311 - H331 - H351 - H411

P261 - P301+P310 - P361 - P321 - P405 - P501a

Packaging Code

1 l DI09721000

2,5 l DI09722500

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

DI0975 *N,N*-Dimethylaniline, reagent grade



Dimethylaminobenzene

$C_8H_{11}N$

- M = 121,18 g/mol
- CAS [121-69-7]
- Density: 0,96

- Melting point: 2,45 °C
- Boiling point: 194,2 °C
- UN 2253

GHS information: Danger.

H301 - H311 - H331 - H351 - H411

P261 - P301+P310 - P361 - P321 - P405 - P501a

Packaging Code

250 ml DI09750250

1 l DI09751000

assay (G.C.)..... min. 99 %
water (K.F.)..... max. 0,1 %

Store between 15°C and 25°C

Dimethylbenzene. See Xylene, mixture of isomers page 344

1,2-Dimethylbenzene. See o-Xylene page 344

Dimethyl-1,4-benzenedicarboxylate. See Dimethyl terephthalate page 104

5,5-Dimethyl-1,3-cyclohexanedione. See Dimedone page 95

DI1061 N,N-Dimethylformamide, synthesis grade*DMF, Formic acid dimethylamide*

- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 -

P501a

Packaging Code

1 l DI10611000

2,5 l DI10612500

5 l DI1061005P

25 l DI1061025L

Hygroscopic

assay (G.C.)..... min. 99,5 %

Store between 15°C and 25°C

DI1062 N,N-Dimethylformamide, extra pure*DMF, Formic acid dimethylamide*

- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 -

P501a

Packaging Code

1 l DI10621000

2,5 l DI10622500

5 l DI1062005P

25 l DI1062025A

25 l DI1062025S

Hygroscopic

 assay (G.C.)..... min. 99,5 %
 non-volatile matter..... max. 0,001 %
 water (K.F.)..... max. 0,2 %

Store between 15°C and 25°C

DI1065 N,N-Dimethylformamide, reagent grade, ACS, ISO, Reag. Ph Eur*DMF, Formic acid dimethylamide*

- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 -

P501a

Packaging Code

1 l DI10651000

2,5 l DI10652500

5 l DI1065005L

25 l DI1065025A

25 l DI1065025S

Hygroscopic

 assay (G.C.)..... min. 99,8 %
 non-volatile matter..... max. 0,001 %
 water (K.F.)..... max. 0,1 %

Store between 15°C and 25°C

DI1071 N,N-Dimethylformamide, dried (max. 0,01% H₂O), reagent grade*DMF, Formic acid dimethylamide*

- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 -

P501a

Packaging Code

1 l DI10711000

Hygroscopic

 assay (G.C.)..... min. 99,8 %
 water (K.F.)..... max. 0,01 %

Store between 15°C and 25°C

DI1072 N,N-Dimethylformamide, Multisolvant® HPLC grade ACS ISO UV-VIS*DMF, Formic acid dimethylamide*

- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 -

P501a

Packaging Code

1 l DI10721000

2,5 l DI10722500

4 l DI10724000

7 l DI1072007E

25 l DI1072025S

Hygroscopic

 assay (G.C.)..... min. 99,9 %
 non-volatile matter..... max. 0,0002 %
 water (K.F.)..... max. 0,05 %
 min. transmission/max. absorbance
 wavelength:
 268 nm..... T(%) A (AU)
 275 nm..... 20 % 0,699 AU
 290 nm..... 50 % 0,301 AU
 300 nm..... 80 % 0,097 AU
 330 nm..... 90 % 0,046 AU
 98 % 0,009 AU
 Microfiltered through membranes
 of pore diameter 0,22 µm

Store between 15°C and 25°C

Dimet

DI1066 N,N-Dimethylformamide, spectroscopy grade, Spectrosol®



DMF, Formic acid dimethylamide



- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 - P501a

Packaging Code

1 l DI10661000

2,5 l DI10662500

Hygroscopic

Store between 15°C and 25°C

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,05 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
270 nm.....	10 % 1,000 AU
275 nm.....	50 % 0,301 AU
290 nm.....	80 % 0,097 AU
300 nm.....	90 % 0,046 AU
330 nm.....	98 % 0,009 AU

DI1068 N,N-Dimethylformamide, for GC residue analysis



DMF, Formic acid dimethylamide



- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 - P501a

Packaging Code

1 l DI10681000

2,5 l DI10682500

Hygroscopic

Store between 15°C and 25°C

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,05 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	

DI1074 N,N-Dimethylformamide, GC head space grade



DMF, Formic acid dimethylamide



- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 - P501a

Packaging Code

1 l DI10741000

2,5 l DI10742500

Hygroscopic

Store between 15°C and 25°C

assay (G.C.).....	min. 99,99 %
water (K.F.).....	max. 0,03 %
Packed under inert gas	
Suitable for residual solvents	
analysis	

DI1063 N,N-Dimethylformamide, 99,8 %, anhydrous (max. 0,005 % H₂O)



DMF, Formic acid dimethylamide



- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 - P501a

Packaging Code

100 ml DI10630100

500 ml DI10630500

1 l DI10631000

Hygroscopic

Store between 15°C and 25°C

water (K.F.).....	max. 0,005 %
-------------------	--------------

DI1073 N,N-Dimethylformamide, 99,5 %, anhydrous (max. 0,005 % H₂O), with molecular sieves



DMF, Formic acid dimethylamide



- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.

H360D - H312 - H332 - H319

P261 - P280 - P281 - P305+P351+P338 - P405 - P501a

Packaging Code

1 l DI10731000

Hygroscopic

Store between 15°C and 25°C

assay (G.C.).....	min. 99,5 %
water (K.F.).....	max. 0,005 %

DI1070 N,N-Dimethylformamide, peptide synthesis grade



DMF, Formic acid dimethylamide



- M = 73,10 g/mol
- CAS [68-12-2]
- Density: 0,94

- Melting point: -61 °C
- Boiling point: 153 °C
- UN 2265

GHS information: Danger.
H360D - H312 - H332 - H319
P261 - P280 - P281 - P305+P351+P338 - P405 - P501a

Packaging Code
1 l DI10701000
2,5 l DI10702500

Hygroscopic

Store between 15°C and 25°C

DI1069 N,N'-Dimethylformamide-d7, deuteration degree min. 99,5%, NMR spectroscopy grade, SpectroSol®



Heptadeuterodimethylformamide



- M = 80,14 g/mol
- CAS [4472-41-7]
- Density: 1,05

- Melting point: -60 °C
- Boiling point: 152 °C
- UN 2265

GHS information: Danger.
H360D - H312 - H332 - H319
P261 - P280 - P281 - P305+P351+P338 - P405 - P501a

Packaging Code
x2x0.75 l DI1069.750
1 ml DI10690001

Hygroscopic

Store between 15°C and 25°C

DI1080 Dimethylglyoxime, reagent grade, ACS



2,3-Butanedionedioxime, Diacetyldioxime



- M = 116,12 g/mol
- CAS [95-45-4]

- Melting point: 240 - 241 °C

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

Packaging Code
100 g DI10800100
500 g DI10800500
1 kg DI10801000

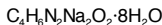
Store between 15°C and 25°C

assay (gravimetric) min. 99 %

DI1090 Dimethylglyoxime, disodium salt octahydrate, reagent grade



2,3-Butanedionedioxime disodium salt octahydrate



- M = 304,21 g/mol

- CAS [75006-64-3]

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

Packaging Code
100 g DI10900100
500 g DI10900500

Store between 15°C and 25°C

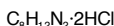
assay (titr. with HClO₄, on dried sample) min. 99 %

2,6-Dimethyl-4-heptanone. See Diisobutyl ketone page 94

DI1010 N,N-Dimethyl-p-phenylenediamine dihydrochloride, reagent grade



4-Amino-N,N-dimethylaniline dihydrochloride, Oxidase reagent



- M = 209,12 g/mol
- CAS [536-46-9]

- Melting point: 208 - 212 °C (decomposes)
- UN 2811

GHS information: Danger.
H301 - H311 - H330
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code
25 g DI10100025

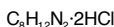
Store between 15°C and 25°C

assay (acidimetric) min. 99,5 %

RE0065 N,N-Dimethyl-p-phenylenediamine dihydrochloride, for microbiology, according to Gordon & McLeod



4-Amino-N,N-dimethylaniline dihydrochloride, Oxidase reagent



- M = 209,12 g/mol
- CAS [536-46-9]

- Melting point: 208 - 212 °C (decomposes)
- UN 2811

GHS information: Danger.
H301 - H311 - H330
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code
5 g RE00650005

Store between 15°C and 25°C

Dimet

FT0055 Dimethyl phthalate, synthesis grade

Phthalic acid dimethyl ester



- M = 194,19 g/mol
- CAS [131-11-3]
- Density: 1,19

- Melting point: 4 - 6 °C
- Boiling point: (5 hPa) 134 - 138 °C

assay (G.C.) min. 99 %

Packaging Code

1 |  FT00551000

SU0119 Dimethyl sulfate, synthesis grade



Sulfuric acid dimethyl ester, Methyl sulfate



- M = 126,13 g/mol
- CAS [77-78-1]
- Density: 1,33

- Melting point: -32 °C
- Boiling point: 188,5 °C (decomposes)
- UN 1595

GHS information: Danger.
H301 - H330 - H350 - H341 - H317
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P320 - P405 - P501a

assay (G.C.) min. 99 %

Packaging Code

1 |  SU01191000

Store between 15°C and 25°C

SU0150 Dimethyl sulfoxide, synthesis grade



DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane



- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Hygroscopic

assay (G.C.) min. 99,5 %

Packaging Code

1 |  SU01501000

2,5 |  SU01502500

5 |  SU0150005P

25 |  SU0150025P

SU0151 Dimethyl sulfoxide, extra pure, Ph Eur, USP



DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane



- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Hygroscopic

assay (G.C.) min. 99,5 %
non-volatile matter max. 0,003 %
water (K.F.) max. 0,1 %
other residual solvents (Ph Eur/ICH) excluded by process production

Packaging Code

1 |  SU01511000

2,5 |  SU01512500

5 |  SU0151005P

25 |  SU0151025A

SU0153 Dimethyl sulfoxide, reagent grade, ACS



DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane



- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Hygroscopic

assay (G.C.) min. 99,9 %
non-volatile matter max. 0,001 %
water (K.F.) max. 0,1 %

Packaging Code

1 |  SU01531000

2,5 |  SU01532500

5 |  SU0153005P

25 |  SU0153025A

SU0157 Dimethyl sulfoxide, dried (max. 0,01% H₂O), reagent grade



DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane



- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Hygroscopic

assay (G.C.) min. 99,9 %

Packaging Code

1 |  SU01571000

2,5 |  SU01572500

SU0154 Dimethyl sulfoxide, spectroscopy grade, Spectrosol®*DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane***Packaging Code**
1 l SU01541000 C_2H_6OS

- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Hygroscopic

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,05 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
265 nm.....	10 % 1,000 AU
275 nm.....	50 % 0,301 AU
295 nm.....	80 % 0,097 AU
312 nm.....	90 % 0,046 AU
340 nm.....	98 % 0,009 AU

SU0155 Dimethyl sulfoxide, HPLC grade*DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane***Packaging Code**
1 l SU01551000
2,5 l SU01552500 C_2H_6OS

- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Hygroscopic

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0003 %
water (K.F.).....	max. 0,1 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
268 nm.....	20 % 0,699 AU
280 nm.....	50 % 0,301 AU
320 nm.....	90 % 0,046 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

SU0165 Dimethyl sulfoxide, GC head space grade*DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane***Packaging Code**
1 l SU01651000 C_2H_6OS

- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Hygroscopic

assay (G.C.).....	min. 99,99 %
water (K.F.).....	max. 0,04 %
Packed under inert gas	
Suitable for residual solvents	
analysis	

SU0152 Dimethyl sulfoxide, 99,9%, anhydrous (max. 0,005 % H₂O)*DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane***Packaging Code**
100 ml SU01520100
500 ml SU01520500
1 l SU01521000 C_2H_6OS

- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Hygroscopic

assay (G.C.).....	min. 99,9 %
water (K.F.).....	max. 0,005 %

Dimet

SU0158 Dimethyl sulfoxide, 99,5%, anhydrous (max. 0,005 % H₂O), with molecular sieves



DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane

Packaging Code

C₂H₆OS

GHS information: Warning.

1 l SU01581000

- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Hygroscopic

assay (G.C.) min. 99,5 %
water (K.F.) max. 0,005 %

SU0159 Dimethyl sulfoxide, molecular biology grade



DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane

Packaging Code

C₂H₆OS

GHS information: Warning.

250 ml SU01590250

- M = 78,13 g/mol
- CAS [67-68-5]
- Density: 1,10

- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Hygroscopic

assay (G.C.) min. 99,8 %
DNases, RNases, Proteases non detected

SU0161 Dimethyl sulfoxide-d6, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®



Methylsulfoxide deuterated, DMSO deuterated, Hexadeuterodimethyl sulfoxide

Packaging Code

C₂D₆OS

GHS information: Warning.

x10x0,75 SU0161.750

- M = 84,17 g/mol
- CAS [2206-27-1]
- Density: 1,19

- Melting point: 20,2 °C
- Boiling point: 190 °C

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Hygroscopic

SU0162 Dimethyl sulfoxide-d6, deuteration degree min. 99,95%, NMR spectroscopy grade, Spectrosol®



Methylsulfoxide deuterated, DMSO deuterated, Hexadeuterodimethyl sulfoxide

Packaging Code

C₂D₆OS

GHS information: Warning.

x10x0,75 SU0162.750

- M = 84,17 g/mol
- CAS [2206-27-1]
- Density: 1,19

- Melting point: 20,2 °C
- Boiling point: 190 °C

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Hygroscopic

TE0080 Dimethyl terephthalate, synthesis grade

DMT, Terephthalic acid dimethyl ester, Dimethyl-1,4-benzenedicarboxylate

Packaging Code

C₁₀H₁₀O₄

1 kg TE00801000

- M = 194,19 g/mol
- CAS [120-61-6]

- Melting point: 139 - 141 °C
- Boiling point: 282 °C

assay (G.C.) min. 99 %

Store between 15°C and 25°C

DI1115 Dimidium bromide, for determination of tensioactives



3,8-Diamino-5-methyl-6-phenylphenanthridinium bromide

Packaging Code

C₂₀H₁₈BrN₃

GHS information: Warning.

1 g DI11150001

- M = 380,36 g/mol
- CAS [518-67-2]

- Melting point: 242 °C

H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

5 g DI11150005

Store between 5°C and 30°C

DI1155 2,4-Dinitroaniline, extra pure**2,4-Dinitrobenzenamine**

- M = 183,12 g/mol
- CAS [97-02-9]

- Melting point: 177 - 180 °C
- UN 1596

GHS information: Danger.
H300 - H310 - H330 - H373 - H411
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code
25 g DI11550025
100 g DI11550100

lumpy powder, yellow

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

AC0890 3,5-Dinitrobenzoic acid, synthesis grade

- M = 212,12 g/mol
- CAS [99-34-3]

- Melting point: 205 - 207 °C

GHS information: Warning.
H319 - H335
P261 - P280 - P305+P351+P338 - P304+P340 - P405 - P501a

Packaging Code
250 g AC08900250

crystals, light yellow

assay (acidimetric)..... min. 99,5 %

Store between 15°C and 25°C

DI1245 2,4-Dinitrophenol, synthesis grade**1-Hydroxy-2,4-dinitrobenzene, α -Dinitrophenol**

- M = 184,10 g/mol
- CAS [51-28-5]

- Melting point: 114 - 115 °C
- UN 1320

GHS information: Danger.
H301 - H311 - H331 - H373 - H400
P260 - P301+P310 - P361 - P321 - P405 - P501a

Packaging Code
250 g DI12450250
1 kg DI12451000

lumpy powder, yellow

assay (G.C., on dried substance) min. 98 %

Store between 15°C and 25°C

DI1225 2,4-Dinitrophenylhydrazine, reagent grade, with 30 - 35% of H₂O, Reag. Ph Eur**DNP**

- M = 198,14 g/mol
- CAS [119-26-6]

- Melting point: ~ 203 °C
- UN 3380

GHS information: Danger.
H200 - H228 - H302 - H315 - H319
P210 - P241 - P305+P351+P338 - P373 - P401a - P501a

Packaging Code
25 g DI12250025
100 g DI12250100

assay (HPLC, referred to anhydrous substance)..... min. 99 %

DI1287 1,4-Dioxane, extra pure, stabilized with 2,5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)**Glycolethylether, 1,4-Diethylene dioxide, 1,4-Dioxacyclohexane**

- M = 88,11 g/mol
- CAS [123-91-1]
- Density: 1,03

- Melting point: 12 °C
- Boiling point: 101,5 °C
- UN 1165

GHS information: Danger.
H225 - H351 - H319 - H335 - EUH019 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a

Packaging Code
1 l DI12871000
2,5 l DI12872500
5 l DI1287005L
25 l DI1287025A

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
non-volatile matter..... max. 0,002 %
water (K.F.)..... max. 0,1 %

DI1289 1,4-Dioxane, reagent grade, ACS, ISO, Reag. Ph Eur, stabilized with 2,5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)**Glycolethylether, 1,4-Diethylene dioxide, 1,4-Dioxacyclohexane**

- M = 88,11 g/mol
- CAS [123-91-1]
- Density: 1,03

- Melting point: 12 °C
- Boiling point: 101,5 °C
- UN 1165

GHS information: Danger.
H225 - H351 - H319 - H335 - EUH019 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a

Packaging Code
1 l DI12891000
2,5 l DI12892500
5 l DI1289005L
25 l DI1289025A

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,05 %

Dioxo

DI1290 1,4-Dioxane, dried (max. 0,005% H₂O), reagent grade, stabilized with 2,5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



Glycolethylether, 1,4-Diethylene dioxide, 1,4-Dioxacyclohexane

Packaging Code



GHS information: Danger.

1 l DI12901000

- M = 88,11 g/mol
- CAS [123-91-1]
- Density: 1,03

- Melting point: 12 °C
- Boiling point: 101,5 °C
- UN 1165

H225 - H351 - H319 - H335 - EUH019 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

DI1291 1,4-Dioxane, spectroscopy grade, stabilized with 1 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT), Spectrosol®



Glycolethylether, 1,4-Diethylene dioxide, 1,4-Dioxacyclohexane

Packaging Code



GHS information: Danger.

1 l DI12911000

- M = 88,11 g/mol
- CAS [123-91-1]
- Density: 1,03

- Melting point: 12 °C
- Boiling point: 101,5 °C
- UN 1165

H225 - H351 - H319 - H335 - EUH019 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,05 %
minimum transmission /max. absorbance
wavelength:
215 nm..... T (%) A (AU)
230 nm..... 10 % 1,000 AU
268 nm..... 50 % 0,301 AU
280 nm..... 80 % 0,097 AU
300 nm..... 90 % 0,046 AU
98 % 0,009 AU

DI1292 1,4-Dioxane, HPLC grade, stabilized with 1 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



Glycolethylether, 1,4-Diethylene dioxide, 1,4-Dioxacyclohexane

Packaging Code



GHS information: Danger.

1 l DI12921000

- M = 88,11 g/mol
- CAS [123-91-1]
- Density: 1,03

- Melting point: 12 °C
- Boiling point: 101,5 °C
- UN 1165

H225 - H351 - H319 - H335 - EUH019 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,02 %
min. transmission/max. absorbance
wavelength:
215 nm..... T(%) A (AU)
230 nm..... 20 % 0,699 AU
275 nm..... 50 % 0,301 AU
90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

DI1288 1,4-Dioxane, 99,5 %, anhydrous (max. 0,005 % H₂O), stabilized with 2,5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



Glycolethylether, 1,4-Diethylene dioxide, 1,4-Dioxacyclohexane

Packaging Code



GHS information: Danger.

100 ml DI12880100

- M = 88,11 g/mol
- CAS [123-91-1]
- Density: 1,03

- Melting point: 12 °C
- Boiling point: 101,5 °C
- UN 1165

H225 - H351 - H319 - H335 - EUH019 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

500 ml DI12880500

1 l DI12881000

Store between 15°C and 25°C

water (K.F.)..... max. 0,005 %

DI1294 1,4-Dioxane, 99 %, anhydrous (max. 0,005 % H₂O), with molecular sieves, stabilized with 2,5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



Glycolethylether, 1,4-Diethylene dioxide, 1,4-Dioxacyclohexane

Packaging Code



GHS information: Danger.

1 l DI12941000

- M = 88,11 g/mol
- CAS [123-91-1]
- Density: 1,03

- Melting point: 12 °C
- Boiling point: 101,5 °C
- UN 1165

H225 - H351 - H319 - H335 - EUH019 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
water (K.F.)..... max. 0,005 %

DI1296 1,4-Dioxane, dried (max. 0,005% H₂O), DNA synthesis grade, stabilized with 1 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)*Glycolethylether, 1,4-Diethylene dioxide, 1,4-Dioxacyclohexane***Packaging Code**

GHS information: Danger.

1 l DI12961000

- M = 88,11 g/mol
- CAS [123-91-1]
- Density: 1,03

- Melting point: 12 °C
- Boiling point: 101,5 °C
- UN 1165

H225 - H351 - H319 - H335 - EUH019 - EUH066
 P210 - P241 - P303+P361+P353 - P305+P351+P338 -
 P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %

DI1295 1,4-Dioxane-d8, deuteration degree min. 99%, NMR spectroscopy grade, Spectrosol®*Octadeuterodioxane***Packaging Code**

GHS information: Danger.

x10x0,75 DI1295.750

- M = 96,16 g/mol
- CAS [17647-74-4]
- Density: 1,13

- Melting point: 11 °C
- Boiling point: 100 °C
- UN 1165

H225 - H332 - EUH019
 P210 - P241 - P261 - P280 - P303+P361+P353 -
 P501a

5 ml DI12950005

10 ml DI12950010

Store between 15°C and 25°C

*9,10-Dioxoanthracene. See Anthraquinone page 30***DI0630 Diphenylamine**, synthesis grade*N-Phenylbenzeneamine, N-Phenylaniline***Packaging Code**

GHS information: Danger.

1 kg DI06301000

- M = 169,23 g/mol
- CAS [122-39-4]
- Melting point: 53 - 54 °C

- Boiling point: (13,3 hPa) ~ 159 °C
- UN 2811

H301 - H311 - H331 - H373 - H400 - H410
 P260 - P301+P310 - P361 - P321 - P405 - P501a

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

DI0633 Diphenylamine, redox indicator, reagent grade, ACS*N-Phenylbenzeneamine, N-Phenylaniline***Packaging Code**

GHS information: Danger.

100 g DI06330100

- M = 169,23 g/mol
- CAS [122-39-4]
- Melting point: 53 - 54 °C

- Boiling point: (13,3 hPa) ~ 159 °C
- UN 2811

H301 - H311 - H331 - H373 - H400 - H410
 P260 - P301+P310 - P361 - P321 - P405 - P501a

assay (titr. with HClO₄)..... min. 99,5 %

Store between 15°C and 25°C

BA0060 Diphenylamine-4-sulfonic acid, barium salt, redox indicator, reagent grade*Bariumdiphenylamine-4-sulfonate, 4-Anilinobenzene sulfonic acid barium salt***Packaging Code**

GHS information: Warning.

5 g BA00600005

- M = 633,90 g/mol
- CAS [6211-24-1]

- UN 1564

H302 - H332
 P261 - P264 - P301+P312 - P304+P340 - P312 -
 P501a

Store between 5°C and 30°C

DI0650 1,5-Diphenylcarbazine, reagent grade, ACS*1,5-Diphenylcarboinic dihydrazide***Packaging Code**

GHS information: Warning.

25 g DI06500025

- M = 242,28 g/mol
- CAS [140-22-7]

- Melting point: 170 - 172 °C

assay (HPLC)..... approx. 98 %

Store between 15°C and 25°C

Diphe

DI0660 1,5-Diphenylcarbazone, reagent grade

Phenyldiazene-carboxylic acid 2-phenylhydrazide, Phenylazoformic acid



- M = 240,27 g/mol
- CAS [538-62-5]

- Melting point: 153 - 158 °C (decomposes)

assay (HPLC) 35 - 90 %

powder, orange

Store between 15°C and 25°C

Packaging Code

5 g DI06600005

25 g DI06600025

Diphenylenimine. See Carbazole page 61

OX0050 Diphenyl oxide, synthesis grade



Diphenyl ether, Phenyl ether



- M = 170,21 g/mol
- CAS [101-84-8]
- Density: 1,07

- Melting point: 24 - 27 °C
- Boiling point: 259 °C
- UN 3077

GHS information: H411
P273 - P391 - P501a

assay (G.C.) min. 98 %

Packaging Code

250 ml OX00500250

1 l OX00501000

Store between 15°C and 25°C

DI1360 1,4-Dithiothreitol, molecular biology grade



DTT, Cleland's reagent



- M = 154,24 g/mol
- CAS [3483-12-3]

- Melting point: 40 - 43 °C

GHS information: Warning.
H302 - H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

Packaging Code

1 g DI13600001

10 g DI13600010

Store between 2°C and 8°C

assay (iodometric) min. 99 %
DNases, RNases, Proteases non detected

DMF. See N,N-Dimethylformamide page 99

DMSO. See Dimethyl sulfoxide page 102

SO1012 Doctor solution (sodium plumbite), according to ASTM D235, reagent for sulfides



- Density: 1,15

- UN 3266

GHS information: Danger.
H314 - H360Df - H373 - H411 -
P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l SO10121000

5 l SO1012005P

alkaline aqueous solution
saturated with PbO.

Dodecanoic acid. See Lauric acid page 169

AL0330 1-Dodecanol, synthesis grade



Dodecyl alcohol, Lauryl alcohol



- M = 186,34 g/mol
- CAS [112-53-8]
- Density: 0,83

- Melting point: 22 - 24 °C
- Boiling point: 258 - 265 °C
- UN 3077

GHS information: Warning.
H400 - H315
P280 - P273 - P321 - P362 - P332+P313 - P501a

Packaging Code

1 l AL03301000

assay (G.C.) min. 98 %

Store between 15°C and 25°C

Dodecyl sulfate sodium salt. See Sodium lauryl sulfate page 281

BR0180 n-Dodecyltrimethylammonium bromide, HPLC grade


Lauryl trimethylammonium bromide

$C_{15}H_{34}BrN$

• M = 308,35 g/mol

• CAS [1119-94-4]

• Melting point: 264 - 266 °C

Store between 15°C and 25°C

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

25 g BR01800025

assay (argentometric) min 97 %

maximum absorbance of an aqueous solution (10%) in a 1,0 cm cell at

wavelength:

240 nm 0,04 AU

250 nm 0,03 AU

260 nm 0,02 AU

absorbance:

DP0050 DPX, mounting medium for histology


• UN 1992

GHS information: Danger.

H225 - H312 - H332 - H315 - H360 - H336 - H373 - H304

P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code

100 ml DP00500100

500 ml DP00500500

DTT. See 1,4-Dithiothreitol page 108

EDTA. See Ethylenediaminetetraacetic acid, EDTA page 121

Ehrlich's reagent. See 4-(Dimethylamino)-benzaldehyde page 97

Emusolv. See Emusolv page 75

EO0055 Eosin methylene blue, according to May-Grünwald

lumpy powder, brown

Store between 5°C and 30°C

Packaging Code

25 g EO00550025

100 g EO00550100

EO0057 Eosin methylene blue, according to Wright

Wright's eosin methylene blue

Store between 15°C and 25°C

Packaging Code

100 g EO00570100

EO0050 Eosin methylene blue, solution according to Leishman


• Density: 0,79

• UN 1992

GHS information: Danger.

H225 - H331 - H370

P210 - P241 - P260 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l EO00501000

Eosin

EO0056 Eosin methylene blue, solution according to May-Grünwald



May-Grünwald's eosin methylene blue solution

• Density: 0,791
• Boiling point: ~ 65 °C

• UN 1992

GHS information: Danger.
H225 - H331 - H370
P210 - P241 - P260 - P303+P361+P353 - P405 -
P501a

Hygroscopic

Packaging Code
500 ml EO00560500
2,5 l EO00562500

EO0058 Eosin methylene blue, solution according to Wright



Wright's eosin methylene blue solution

• Density: 0,80

• UN 1992

GHS information: Danger.
H225 - H331 - H370
P210 - P241 - P260 - P303+P361+P353 - P405 -
P501a

Store between 15°C and 25°C

Packaging Code
500 ml EO00580500
2,5 l EO00582500

EO0025 Eosin yellowish, C.I. 45380, for microscopy



2',4',5',7'-Tetrabromofluorescein, Eosin Y

$C_{20}H_6Br_4Na_2O_5$

• M = 691,86 g/mol

• CAS [17372-87-1]

GHS information: Warning.
H302 - H312 - H332
P261 - P280 - P322 - P301+P312 - P304+P340 -
P501a

powder, reddish-brown

Store between 15°C and 25°C

Packaging Code
25 g EO00250025
100 g EO00250100

EP0030 Epichlorohydrine, synthesis grade



1-Chloro-2,3-epoxypropane, 2,3-Epoxypropyl chloride, 2-Chloromethyl oxirane

C_3H_5ClO

• M = 92,53 g/mol
• CAS [106-89-8]
• Density: 1,18

• Melting point: -57,2 °C
• Boiling point: 116,5 °C
• UN 2023

GHS information: Danger.
H301 - H311 - H331 - H350 - H314 - H226 - H317
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P361 - P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

Packaging Code
1 l EP00301000
2,5 l EP00302500

Epsom salt. See Magnesium sulfate heptahydrate page 176

NE0045 Eriochrome black T, C.I. 14645, indicator for metal titration



Chrome black T, 2-Hydroxy-1-(1-hydroxy-2-naphthylazo)-6-nitronaphthalene-4-sulfonic

$C_{20}H_{12}N_3NaO_7S$

• M = 461,38 g/mol
• CAS [1787-61-7]

• UN 3077

GHS information: Warning.
H319 - H411
P280 - P273 - P264 - P305+P351+P338 - P337+P313 -
P501a

powder, black

Store between 15°C and 25°C

Packaging Code
25 g NE00450025
100 g NE00450100

NE0048 Eriochrome black T, solution 1%, for complexometry

$C_{20}H_{12}N_3NaO_7S$

• M = 461,38 g/mol

• CAS [1787-61-7]

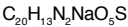
Store between 15°C and 25°C

Packaging Code
100 ml NE00480100

NE0030 Eriochrome blue-black B, C.I. 14640



2-Hydroxy-1-(1-hydroxy-2-naphthylazo)-naphthalene-4-sulfonic acid sodium salt



• M = 166,85 g/mol

• CAS [3564-14-5]

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P373+P313

Packaging Code

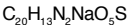
25 g NE00300025

50 g NE00300050

Store between 15°C and 25°C

NE0035 Eriochrome blue-black R, C.I. 15705

2-Hydroxy-1-(2-hydroxy-1-naphthylazo)-naphthalene-4-sulfonic acid sodium salt



• M = 416,39 g/mol

• CAS [2538-85-4]

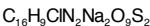
Packaging Code

50 g NE00350050

Store between 5°C and 30°C

AZ0155 Eriochrome blue SE, C.I. 16680, indicator for metal titration

2-(4-Chloro-1-hydroxyphenyl-2-azo)-1,8-dihydroxynaphthalene-3,6-disulfonic acid



• M = 518,82 g/mol

• CAS [1058-92-0]

Packaging Code

5 g AZ01550005

Store between 15°C and 25°C

ER0050 Eriochrome cyanine R, C.I. 43820, reagent grade



• M = 536,40 g/mol

• CAS [3564-18-9]

Packaging Code

25 g ER00500025

100 g ER00500100

powder, red

Store between 5°C and 30°C

RE0004 Esbach's reagent

• Density: 0,987

Packaging Code

500 ml RE00040500

1 l RE00041000

suitable for detection of protein.

1,2-Ethanediamine. See Ethylenediamine page 120

1,2-Ethanediol. See Ethylene glycol page 123

ET0002 Ethanol absolute, synthesis grade



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



• M = 46,07 g/mol
• CAS [64-17-5]
• Density: 0,79

• Melting point: -114,5 °C
• Boiling point: 78,3 °C
• UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code

1 l ET00021000

5 l ET0002005P

25 l ET0002025P

assay (G.C.) (v/v)..... min. 99,9 %

Ethan

ET0006 Ethanol absolute, extra pure, Ph Eur, BP, USP



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,79

- Melting point: -114,5 °C
- Boiling point: 78,3 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v).....	min. 99,9 %
assay (G.C.) (w/w).....	min. 99,83 %
non-volatile matter.....	max. 0,001 %
water (v/v) (K.F.).....	max. 0,1 %
residual solvents (Ph Eur/ICH) class3.....	max. 0,5 %
other residual solvents (Ph Eur/ICH).....	excluded by production process

Packaging Code

1 l	ET00061000
2,5 l	ET00062500
5 l	ET0006005P
25 l	ET0006025L
25 l	ET0006025S

ET0016 Ethanol absolute, analytical grade, ACS, Reag. Ph Eur



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,79

- Melting point: -114,5 °C
- Boiling point: 78,3 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v).....	min. 99,9 %
non-volatile matter.....	max. 0,001 %
water (v/v) (K.F.).....	max. 0,1 %

Packaging Code

1 l	ET00161000
2,5 l	ET00162500
5 l	ET0016005P
7 l	ET0016007E
25 l	ET0016025P
25 l	ET0016025L
25 l	ET0016025S

ET0005 Ethanol absolute, reagent grade, ACS, ISO, packed in UHDPE bottles



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,79

- Melting point: -114,5 °C
- Boiling point: 78,3 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v).....	min. 99,9 %
non-volatile matter.....	max. 0,001 %
water (v/v) (K.F.).....	max. 0,2 %

Packaging Code

1 l	ET00051000
2,5 l	ET00052500
5 l	ET0005005P
25 l	ET0005025A

ET0007 Ethanol absolute, reagent grade, ACS, ISO, Reag. Ph Eur



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,79

- Melting point: -114,5 °C
- Boiling point: 78,3 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v).....	min. 99,9 %
non-volatile matter.....	max. 0,0005 %
water (v/v) (K.F.).....	max. 0,1 %

Packaging Code

1 l	ET00071000
2,5 l	ET00072500
5 l	ET0007005P
7 l	ET0007007E
25 l	ET0007025S

ET0015 Ethanol absolute, Multisolvent® HPLC grade ACS ISO UV-VIS



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,79

- Melting point: -114,5 °C
- Boiling point: 78,3 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v).....	min. 99,9 %
non-volatile matter.....	max. 0,0002 %
water (v/v) (K.F.).....	max. 0,1 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
210 nm.....	35 % 0,456 AU
220 nm.....	55 % 0,260 AU
230 nm.....	72 % 0,143 AU
245 nm.....	90 % 0,046 AU
270 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

- 1 l ET00151000
- 2,5 l ET00152500
- 4 l ET00154000
- 7 l ET0015007E
- 25 l ET0015025S

ET0009 Ethanol absolute, spectroscopy grade, Spectroso®



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,79

- Melting point: -114,5 °C
- Boiling point: 78,3 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v).....	min. 99,9 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
210 nm.....	35 % 0,456 AU
220 nm.....	55 % 0,260 AU
230 nm.....	72 % 0,143 AU
250 nm.....	90 % 0,046 AU
270 nm.....	98 % 0,009 AU

Packaging Code

- 1 l ET00091000
- 2,5 l ET00092500

ET0010 Ethanol absolute, gradient HPLC grade



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,79

- Melting point: -114,5 °C
- Boiling point: 78,3 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v).....	min. 99,9 %
non-volatile matter.....	max. 0,0003 %
water (v/v) (K.F.).....	max. 0,1 %
gradient grade (254 nm)	
maximum background absorbance:	0,02 AU
maximum peak absorbance:	0,002 AU
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
205 nm.....	20 % 0,699 AU
220 nm.....	50 % 0,301 AU
245 nm.....	90 % 0,046 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	
suitable for UPLC	

Packaging Code

- 1 l ET00101000
- 2,5 l ET00102500
- 7 l ET0010007E
- 25 l ET0010025S

ET0021 Ethanol absolute, for liquid scintillation, Normascint®



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,79

- Melting point: -114,5 °C
- Boiling point: 78,3 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code

- 1 l ET00211000

Ethan

ET0011 Ethanol absolute, molecular biology grade



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,79

- Melting point: -114,5 °C
- Boiling point: 78,3 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v)..... min. 99,9 %
DNases, RNases, Proteases non detected

Packaging Code

500 ml ET00110500

1 l ET00111000

2,5 l ET00112500

ET0012 Ethanol-d6, deuteration degree min. 99%, NMR spectroscopy grade, Spectrosol®



Hexadeuteroethanol



- M = 52,11 g/mol
- CAS [1516-08-1]
- Density: 0,90

- Melting point: -114,5 °C
- Boiling point: 78 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code

1 ml ET00120001

10 ml ET00120010

ET0003 Ethanol 96% v/v, extra pure, Ph Eur, BP



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,81

- Melting point: -117 °C
- Boiling point: 78 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v)..... 95,1 - 96,9 %
assay (G.C.) (w/w)..... 92,6 - 95,2 %
non-volatile matter..... max. 0,001 %
water (v/v) (K.F.)..... 3,1 - 4,9 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code

1 l ET00031000

2,5 l ET00032500

5 l ET0003005P

25 l ET0003025P

25 l ET0003025S

ET0014 Ethanol 96% v/v, analytical grade, ACS, Reag. Ph Eur, USP



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,81

- Melting point: -117 °C
- Boiling point: 78 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v) 95,1 - 96,9 %
assay (G.C.) (w/w)..... 92,6 - 95,2 %
non-volatile matter..... max. 0,001 %
water (v/v) (K.F.) 3,1 - 4,9 %

Packaging Code

1 l ET00141000

2,5 l ET00142500

5 l ET0014005P

7 l ET0014007E

25 l ET0014025P

25 l ET0014025L

25 l ET0014025S

ET0004 Ethanol 96% v/v, reagent grade, ACS, Reag. Ph Eur



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,81

- Melting point: -117 °C
- Boiling point: 78 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v)..... 95,1 - 96,9 %
non-volatile matter..... max. 0,0005 %
water (v/v) (K.F.)..... 3,1 - 4,9 %

Packaging Code

1 l ET00041000

2,5 l ET00042500

5 l ET0004005P

25 l ET0004025P

25 l ET0004025A

25 l ET0004025S

ET0013 Ethanol 96% v/v, Multisolvant® HPLC grade ACS UV-VIS



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,81

- Melting point: -117 °C
- Boiling point: 78 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v).....	95,1 - 96,9 %
non-volatile matter.....	max. 0,0002 %
water (v/v) (K.F.).....	3,1- 4,9 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
210 nm.....	35 % 0,456 AU
220 nm.....	55 % 0,260 AU
230 nm.....	72 % 0,143 AU
250 nm.....	90 % 0,046 AU
270 nm.....	98 % 0,009 AU
Microfiltered through membranes of pore diameter 0,22 µm	

Packaging Code

- 1 l ET00131000
- 2,5 l ET00132500
- 4 l ET00134000
- 7 l ET0013007E
- 25 l ET0013025S

ET0008 Ethanol 96% v/v, UV spectroscopy grade, Spectrosol®



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]
- Density: 0,81

- Melting point: -117 °C
- Boiling point: 78 °C
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) (v/v).....	95,1 - 96,9 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
210 nm.....	35 % 0,456 AU
220 nm.....	55 % 0,260 AU
230 nm.....	72 % 0,143 AU
250 nm.....	90 % 0,046 AU
270 nm.....	98 % 0,009 AU

Packaging Code

- 1 l ET00081000
- 2,5 l ET00082500

ET0001 Ethanol 70% v/v



Ethyl alcohol, Methylcarbinol, Spirit, Spirit of wine



- M = 46,07 g/mol
- CAS [64-17-5]

- Density: 0,89
- UN 1170

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code

- 5 l ET0001005P

ET0027 Ethanolamine, synthesis grade



2-Aminoethanol, 2-Hydroxyethylamine, Monoethanolamine



- M = 61,08 g/mol
- CAS [141-43-5]
- Density: 1,02

- Melting point: 10,5 °C
- Boiling point: 171 °C
- UN 2491

GHS information: Danger.

H314 - H302 - H312 - H332

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

- 1 l ET00271000
- 2,5 l ET00272500

Hygroscopic

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %

ET0028 Ethanolamine, reagent grade, ACS



2-Aminoethanol, 2-Hydroxyethylamine, Monoethanolamine



- M = 61,08 g/mol
- CAS [141-43-5]
- Density: 1,02

- Melting point: 10,5 °C
- Boiling point: 171 °C
- UN 2491

GHS information: Danger.

H314 - H302 - H312 - H332

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

- 1 l ET00281000

Hygroscopic

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

Ethan

ET0040 Ethanolamine hydrochloride, pure

2-Hydroxyethylammonium chloride, 2-Aminoethanol hydrochloride, Ethanolammonium

$C_2H_7NO \cdot HCl$

• M = 97,55 g/mol
• CAS [2002-24-6]

• Melting point: 79 - 82 °C

Hygroscopic

Store between 15°C and 25°C

Packaging Code

1 kg  ET00401000

ET0108 Ethidium bromide, for biochemical purposes



3,8-Diamino-5-ethyl-6-phenylphenantridinium bromide, Homidium bromide

$C_{21}H_{20}BrN_3$

• M = 394,32 g/mol
• CAS [1239-45-8]

• Melting point: 261 - 264 °C
• UN 2811

GHS information: Danger.

H330 - H341 - H302 - H312 - H315 - H319 - H335
P260 - P305+P351+P338 - P310 - P320 - P405 - P501a

Packaging Code

1 g  ET01080001

10 g  ET01080010

floury powder, reddish

Store between 5°C and 30°C

ET0109 Ethidium bromide, solution 10 mg/ml



3,8-Diamino-5-ethyl-6-phenylphenantridinium bromide, Homidium bromide

$C_{21}H_{20}BrN_3$

• M = 394,32 g/mol
• CAS [1239-45-8]

• UN 2810

GHS information: Danger.

H330 - H341
P260 - P284 - P310 - P320 - P405 - P501a

Packaging Code

10 ml  ET01090010

Store between 2°C and 8°C

4-Ethoxyaniline. See p-Phenetidine page 220

2-Ethoxyethanol. See Ethylene glycol monoethyl ether page 123

AC0140 Ethyl acetate, synthesis grade



Acetic acid ethyl ester, Acetic ether

$C_4H_8O_2$

• M = 88,10 g/mol
• CAS [141-78-6]
• Density: 0,90

• Melting point: -83 °C
• Boiling point: 77 °C
• UN 1173

GHS information: Danger.

H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a

Packaging Code

1 l  AC01401000

2,5 l  AC01402500

5 l  AC0140005L

25 l  AC0140025L

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

AC0143 Ethyl acetate, extra pure, Ph Eur, BP, NF



Acetic acid ethyl ester, Acetic ether

$C_4H_8O_2$

• M = 88,10 g/mol
• CAS [141-78-6]
• Density: 0,90

• Melting point: -83 °C
• Boiling point: 77 °C
• UN 1173

GHS information: Danger.

H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a

Packaging Code

1 l  AC01431000

2,5 l  AC01432500

5 l  AC0143005L

25 l  AC0143025A

25 l  AC0143025S

200 l  AC0143200L

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
assay (acidimetric)..... 99 - 100,5 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,05 %
residual solvents (Ph Eur/ICH)..... excluded by production process

AC0154 Ethyl acetate, analytical grade, ACS, Reag. Ph Eur*Acetic acid ethyl ester, Acetic ether*

- M = 88,10 g/mol
- CAS [141-78-6]
- Density: 0,90

- Melting point: -83 °C
- Boiling point: 77 °C
- UN 1173

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....

min. 99,5 %

non-volatile matter.....

max. 0,001 %

water (K.F.).....

max. 0,05 %

Packaging Code

1 l AC01541000

2,5 l AC01542500

5 l AC0154005L

7 l AC0154007E

25 l AC0154025A

25 l AC0154025S

AC0145 Ethyl acetate, reagent grade, ACS, ISO, Reag. Ph Eur*Acetic acid ethyl ester, Acetic ether*

- M = 88,10 g/mol
- CAS [141-78-6]
- Density: 0,90

- Melting point: -83 °C
- Boiling point: 77 °C
- UN 1173

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....

min. 99,8 %

non-volatile matter.....

max. 0,001 %

water (K.F.).....

max. 0,05 %

Packaging Code

1 l AC01451000

2,5 l AC01452500

5 l AC0145005L

7 l AC0145007E

25 l AC0145025S

AC0155 Ethyl acetate, Multisolvant® HPLC grade ACS ISO UV-VIS*Acetic acid ethyl ester, Acetic ether*

- M = 88,10 g/mol
- CAS [141-78-6]
- Density: 0,90

- Melting point: -83 °C
- Boiling point: 77 °C
- UN 1173

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....

min. 99,8 %

non-volatile matter.....

max. 0,0002 %

water (K.F.).....

max. 0,03 %

min. transmission/max. absorbance

wavelength:

255 nm..... T(%) A (AU)

260 nm..... 20 % 0,699 AU

263 nm..... 50 % 0,301 AU

265 nm..... 80 % 0,097 AU

280 nm..... 90 % 0,046 AU

280 nm..... 98 % 0,009 AU

Microfiltered through membranes

of pore diameter 0,22 µm

Packaging Code

1 l AC01551000

2,5 l AC01552500

4 l AC01554000

7 l AC0155007E

25 l AC0155025S

AC0146 Ethyl acetate, spectroscopy grade, Spectrosol®*Acetic acid ethyl ester, Acetic ether*

- M = 88,10 g/mol
- CAS [141-78-6]
- Density: 0,90

- Melting point: -83 °C
- Boiling point: 77 °C
- UN 1173

Store between 15°C and 25°C

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....

min. 99,8 %

minimum transmission /max. absorbance

wavelength:

255 nm..... T(%) A (AU)

260 nm..... 10 % 1,000 AU

263 nm..... 50 % 0,301 AU

265 nm..... 80 % 0,097 AU

280 nm..... 90 % 0,046 AU

280 nm..... 98 % 0,009 AU

Packaging Code

1 l AC01461000

2,5 l AC01462500

Ethyl

AC0158 Ethyl acetate, LC-MS



Acetic acid ethyl ester, Acetic ether



- M = 88,10 g/mol
 - CAS [141-78-6]
 - Density: 0,90
- Melting point: -83 °C
 - Boiling point: 77 °C
 - UN 1173

Store between 15°C and 25°C

GHS information: Danger.
H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l AC01581000
2,5 l AC01582500

assay (G.C.)..... min. 99,8 %
potassium (K)..... max. 0,00001 %
sodium (Na)..... max. 0,00001 %
non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,03 %
suitability for use in LC-MS..... passes test
wavelength: T(%) A (AU)
255 nm..... 20 % 0,699 AU
258 nm..... 50 % 0,301 AU
265 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

AC0148 Ethyl acetate, for GC residue analysis



Acetic acid ethyl ester, Acetic ether



- M = 88,10 g/mol
 - CAS [141-78-6]
 - Density: 0,90
- Melting point: -83 °C
 - Boiling point: 77 °C
 - UN 1173

Store between 15°C and 25°C

GHS information: Danger.
H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l AC01481000
2,5 l AC01482500
7 l AC0148007E
25 l AC0148025S

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis
ECD, from 1,2,4-trichlorobenzene to
decachlorobiphenyl, no peaks are
obtained greater than 3 pg/ml as lindane.
No peaks are obtained in vicinity of
2,4,5-trichlorobiphenyl.

AC0149 Ethyl acetate, GC ultra-trace analysis grade



Acetic acid ethyl ester, Acetic ether



- M = 88,10 g/mol
 - CAS [141-78-6]
 - Density: 0,90
- Melting point: -83 °C
 - Boiling point: 77 °C
 - UN 1173

Store between 15°C and 25°C

GHS information: Danger.
H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l AC01491000
2,5 l AC01492500

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis
Suitable for highly volatile halogenated
hydrocarbons trace analysis
Suitable for pesticide and polycyclic
aromatic hydrocarbons residue analysis

AC0144 Ethyl acetate, 99,8%, anhydrous (max. 0,005 % H₂O)



Acetic acid ethyl ester, Acetic ether



- M = 88,10 g/mol
 - CAS [141-78-6]
 - Density: 0,90
- Melting point: -83 °C
 - Boiling point: 77 °C
 - UN 1173

Store between 15°C and 25°C

GHS information: Danger.
H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
100 ml AC01440100
500 ml AC01440500
1 l AC01441000

assay (G.C.)..... min. 99,8 %
water (K.F.)..... max. 0,005 %

AC0141 Ethyl acetate, 99,8%, anhydrous (max. 0,005 % H₂O), with molecular sieves*Acetic acid ethyl ester, Acetic ether***Packaging Code**
1 l AC01411000

• M = 88,10 g/mol
• CAS [141-78-6]
• Density: 0,90

• Melting point: -83 °C
• Boiling point: 77 °C
• UN 1173

GHS information: Danger.
H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
water (K.F.)..... max. 0,005 %

AC0150 Ethyl acetate, max. 0,005% H₂O, DNA synthesis grade*Acetic acid ethyl ester, Acetic ether***Packaging Code**
1 l AC01501000

• M = 88,10 g/mol
• CAS [141-78-6]
• Density: 0,90

• Melting point: -83 °C
• Boiling point: 77 °C
• UN 1173

GHS information: Danger.
H225 - H319 - H336 - EUH066
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,005 %
minimum transmission in a
1,0 cm cell at
wavelength: transmission:
263 nm..... 90 %
257 nm..... 50 %
254 nm..... 20 %

AC0287 Ethyl acetoacetate, synthesis grade*EAA, Acetoacetic acid ethyl ester***Packaging Code**
1 l AC02871000
5 l AC0287005P

• M = 130,14 g/mol
• CAS [141-97-9]
• Density: 1,03

• Melting point: -40 °C
• Boiling point: (26,6 hPa) 81,8 -
86,4 °C

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %

*Ethyl alcohol. See Ethanol absolute page 111***ET0110 Ethyl benzene, reagent grade***Ethylbenzene***Packaging Code**
1 l ET01101000

• M = 106,17 g/mol
• CAS [100-41-4]
• Density: 0,87

• Melting point: -95 °C
• Boiling point: 136 °C
• UN 1175

GHS information: Danger.
H225 - H332
P210 - P241 - P280 - P303+P361+P353 -
P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

BE0195 Ethyl benzoate, extra pure, Reag. Ph Eur*Benzoic acid ethyl ester***Packaging Code**
250 ml BE01950250
1 l BE01951000

• M = 150,18 g/mol
• CAS [93-89-0]
• Density: 1,05

• Melting point: -35 °C
• Boiling point: 213 - 215 °C

assay (G.C.)..... min. 99 %

Hygroscopic

Ethyl

CA0319 Ethyl caprylate, synthesis grade



Ethyl octanoate, Octanoic acid ethyl ester



- M = 172,27 g/mol
- CAS [106-32-1]
- Density: 0,87

- Melting point: -47 °C
- Boiling point: 208 °C

GHS information: Warning.

H315

P280 - P264 - P321 - P362 - P332+P313 - P302+P352

assay (G.C.) min. 98 %

Store between 15°C and 25°C

Packaging Code

250 ml CA03190250

Ethyl diglycol. See Diethylene glycol monoethyl ether page 92

CA0367 Ethylene carbonate, synthesis grade



1,3-Dioxolane-2-one, Ethylene glycol carbonate



- M = 88,06 g/mol
- CAS [96-49-1]

- Melting point: 35 - 38 °C
- Boiling point: 247 - 249 °C

GHS information: Danger.

H318

P280 - P305+P351+P338 - P310

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

Packaging Code

1 kg CA03671000

Ethylene chloride. See 1,2-Dichloroethane page 85

ET0135 Ethylenediamine, synthesis grade



1,2-Ethanediamine, 1,2-Diaminoethane



- M = 60,10 g/mol
- CAS [107-15-3]
- Density: 0,90

- Melting point: 11 °C
- Boiling point: 116 - 118 °C
- UN 1604

GHS information: Danger.

H334 - H314 - H226 - H302 - H312 - H317

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (G.C.)..... min. 99 %

Hygroscopic

Store between 15°C and 25°C

Packaging Code

1 l ET01351000

2,5 l ET01352500

5 l ET0135005P

25 l ET0135025A

ET0137 Ethylenediamine, extra pure, Ph Eur, BP, USP



1,2-Ethanediamine, 1,2-Diaminoethane



- M = 60,10 g/mol
- CAS [107-15-3]
- Density: 0,90

- Melting point: 11 °C
- Boiling point: 116 - 118 °C
- UN 1604

GHS information: Danger.

H334 - H314 - H226 - H302 - H312 - H317

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (acidimetric)..... 98 - 101 %

residual solvents (Ph Eur/ICH)..... excluded by production process

Hygroscopic

Store between 15°C and 25°C

Packaging Code

100 ml ET01370100

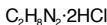
250 ml ET01370250

1 l ET01371000

ET0145 Ethylenediamine dihydrochloride, extra pure



1,2-Diaminoethane dihydrochloride, Ethylenediammonium dichloride



- M = 133,02 g/mol

- CAS [333-18-6]

GHS information: Warning.

H302 - H312 - H332

P261 - P280 - P322 - P301+P312 - P304+P340 -

P501a

assay (argentometric)..... min. 99 %

Hygroscopic

Packaging Code

250 g ET01450250

1 kg ET01451000

AC0940 Ethylenediaminetetraacetic acid, EDTA, synthesis grade*Ethylenedinitrilotetraacetic acid, Edetic acid, EDTA*

- M = 292,25 g/mol
- CAS [60-00-4]

- Melting point: 220 °C (decomposes)

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

500 g AC09400500

1 kg AC09401000

5 kg AC0940005P

crystalline powder, white

assay (complexometric)..... min. 98 %

AC0950 Ethylenediaminetetraacetic acid, EDTA, dipotassium magnesium salt dihydrate, extra pure*Ethylenedinitrilotetraacetic acid dipotassium magnesium salt dihydrate*

- M = 426,76 g/mol

- CAS [15708-48-2]

Packaging Code

250 g AC09500250

lumpy powder, white

assay (complexometric, referred to anhydrous substance) min. 98 %

AC0960 Ethylenediaminetetraacetic acid, EDTA, disodium salt, dihydrate, synthesis grade*Edetic acid disodium salt, Disodium dihydrogen ethylenediaminetetraacetate*

- M = 372,24 g/mol
- CAS [6381-92-6]

- Melting point: 252 °C (decomposes)

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

1 kg AC09601000

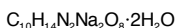
5 kg AC0960005P

25 kg AC0960025P

powder, white

assay (complexometric, referred to anhydrous substance)..... min. 98 %

Store between 15°C and 25°C

AC0963 Ethylenediaminetetraacetic acid, EDTA, disodium salt, dihydrate, extra pure, Ph Eur, BP, USP*Edetic acid disodium salt, Disodium dihydrogen ethylenediaminetetraacetate*

- M = 372,24 g/mol
- CAS [6381-92-6]

- Melting point: 252 °C (decomposes)

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

250 g AC09630250

1 kg AC09631000

5 kg AC0963005P

powder, white

assay (complexometric, on dried substance)..... 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by production process

Store between 15°C and 25°C

AC0965 Ethylenediaminetetraacetic acid, EDTA, disodium salt, dihydrate, reagent grade, ACS, Reag. Ph Eur*Edetic acid disodium salt, Disodium dihydrogen ethylenediaminetetraacetate*

- M = 372,24 g/mol
- CAS [6381-92-6]

- Melting point: 252 °C (decomposes)

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

250 g AC09650250

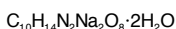
500 g AC09650500

1 kg AC09651000

powder, white

assay (complexometric, referred to anhydrous substance) 99,4 - 100,6 %

Store between 15°C and 25°C

AC0967 Ethylenediaminetetraacetic acid, EDTA, disodium salt, dihydrate, molecular biology grade*Edetic acid disodium salt, Disodium dihydrogen ethylenediaminetetraacetate*

- M = 372,24 g/mol
- CAS [6381-92-6]

- Melting point: 252 °C (decomposes)

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

100 g AC09670100

1 kg AC09671000

powder, white

assay (complexometric, referred to dried substance)..... min. 99 %
DNases, RNases, Proteases non detected

Store between 15°C and 25°C

Ethyl

AC0970 Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution
0,1 mol/l (0,2 N)

C₁₀H₁₄N₂Na₂O₈·2H₂O

• M = 372,24 g/mol

• CAS [6381-92-6]

GHS information: EUH210

• Density: 1,01

Packaging

Code

1 l  AC09701000

5 l  AC0970005P

10 l  AC0970010C

Traceable to SRM from NIST

AC0972 Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution
0,05 mol/l (0,1 N)

C₁₀H₁₄N₂Na₂O₈·2H₂O

• M = 372,24 g/mol

• CAS [6381-92-6]

GHS information: EUH210

• Density: 1,01

Packaging

Code

1 l  AC09721000

10 l  AC0972010C

Traceable to SRM from NIST

AC0974 Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution
0,025 mol/l (0,05 N)

C₁₀H₁₄N₂Na₂O₈·2H₂O

• M = 372,24 g/mol

• CAS [6381-92-6]

GHS information: EUH210

• Density: 0,998

Packaging

Code

1 l  AC09741000

Traceable to SRM from NIST

AC0973 Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution
0,02 mol/l (0,04 N)

C₁₀H₁₄N₂Na₂O₈·2H₂O

• M = 372,24 g/mol

• CAS [6381-92-6]

GHS information: EUH210

• Density: 0,99

Packaging

Code

1 l  AC09731000

Traceable to SRM from NIST

AC0971 Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution
0,01 mol/l (0,02 N)

C₁₀H₁₄N₂Na₂O₈·2H₂O

• M = 372,24 g/mol

• CAS [6381-92-6]

GHS information: EUH210

• Density: 0,996

Packaging

Code

1 l  AC09711000

5 l  AC0971005P

10 l  AC0971010C

Traceable to SRM from NIST

AC0996 Ethylenediaminetetraacetic acid, EDTA, disodium salt,
concentrated solution to prepare 1 l of solution 0,1 mol/l (0,2N)

C₁₀H₁₄N₂Na₂O₈·2H₂O

• M = 372,24 g/mol

• CAS [6381-92-6]

GHS information: EUH210

• Density: ~ 1,14

Packaging

Code

u.  AC099600PA

Traceable to SRM from NIST

AC0966 Ethylenediaminetetraacetic acid, EDTA, disodium salt,
concentrated solution to prepare 1 l of solution 0,01 mol/l (0,02N)

C₁₀H₁₄N₂Na₂O₈·2H₂O

• M = 372,24 g/mol

• CAS [6381-92-6]

GHS information: EUH210

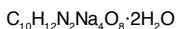
• Density: ~ 1,14

Packaging

Code

u.  AC096600PA

Traceable to SRM from NIST

AC0975 Ethylenediaminetetraacetic acid, EDTA, tetrasodium salt, dihydrate, synthesis grade*Edetic acid tetrasodium salt, Tetrasodium ethylenediaminetetraacetate*

• M = 416,21 g/mol

• CAS [10378-23-1]

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

powder, white or almost white

Store between 15°C and 25°C

assay (complexometric,
referred to anhydrous substance)..... min. 98 %**Packaging Code**

500 g AC09750500

1 kg AC09751000

ET0164 Ethylene glycol, extra pure, packed in UHDPE bottles*1,2-Ethanediol, Glycol*

• M = 62,07 g/mol

• CAS [107-21-1]

• Density: 1,11

• Melting point: -13 °C

• Boiling point: (39 hPa) 117 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (G.C.)..... min. 99,5 %

Hygroscopic

Packaging Code

1 l ET01641000

2,5 l ET01642500

5 l ET0164005P

25 l ET0164025P

ET0166 Ethylene glycol, reagent grade, Reag. Ph Eur*1,2-Ethanediol, Glycol*

• M = 62,07 g/mol

• CAS [107-21-1]

• Density: 1,11

• Melting point: -13 °C

• Boiling point: (39 hPa) 117 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,1 %

Hygroscopic

Packaging Code

1 l ET01661000

2,5 l ET01662500

5 l ET0166005P

25 l ET0166025P

ET0175 Ethylene glycol monobutyl ether, synthesis grade*2-Butoxyethanol, Butyl glycol*

• M = 118,18 g/mol

• CAS [111-76-2]

• Density: 0,9

• Melting point: -70 °C

• Boiling point: 170 - 172 °C

GHS information: Warning.

H302 - H312 - H332 - H315 - H319

P261 - P280 - P305+P351+P338 - P321 - P322 - P501a

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

Packaging Code

1 l ET01751000

AC0085 Ethylene glycol monobutyl ether acetate, synthesis grade*2-Butoxyethyl acetate, 1-Acetoxy-2-butoxyethane, Butyl glycol acetate, Acetic acid*

• M = 160,21 g/mol

• CAS [112-07-2]

• Density: 0,94

• Melting point: -64 - -62 °C

• Boiling point: 194 - 196 °C

GHS information: Warning.

H312 - H332

P261 - P280 - P322 - P304+P340 - P312 - P501a

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

Packaging Code

1 l AC00851000

ET0180 Ethylene glycol monoethyl ether, synthesis grade*2-Ethoxyethanol, Ethyl glycol, Ethyl cellosolve*

• M = 90,12 g/mol

• CAS [110-80-5]

• Density: 0,93

• Melting point: -100 °C

• Boiling point: 135 °C

• UN 1171

GHS information: Danger.

H360FD - H226 - H302 - H312 - H332

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

Packaging Code

1 l ET01801000

2,5 l ET01802500

5 l ET0180005P

Ethyl

ET0182 Ethylene glycol monoethyl ether, reagent grade, Reag. Ph Eur



2-Ethoxyethanol, Ethyl glycol, Ethyl cellosolve



- M = 90,12 g/mol
- CAS [110-80-5]
- Density: 0,93

- Melting point: -100 °C
- Boiling point: 135 °C
- UN 1171

GHS information: Danger.
H360FD - H226 - H302 - H312 - H332
P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code
1 l ET01821000
2,5 l ET01822500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

ET0190 Ethylene glycol monomethyl ether, synthesis grade



2-Methoxyethanol, Methyl glycol, Methyl cellosolve



- M = 76,10 g/mol
- CAS [109-86-4]
- Density: 0,96

- Melting point: -85 °C
- Boiling point: 124,5 °C
- UN 1188

GHS information: Danger.
H360FD - H226 - H302 - H312 - H332
P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code
1 l ET01901000
2,5 l ET01902500
5 l ET0190005P
25 l ET0190025P

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

ET0192 Ethylene glycol monomethyl ether, reagent grade, ACS



2-Methoxyethanol, Methyl glycol, Methyl cellosolve



- M = 76,10 g/mol
- CAS [109-86-4]
- Density: 0,96

- Melting point: -85 °C
- Boiling point: 124,5 °C
- UN 1188

GHS information: Danger.
H360FD - H226 - H302 - H312 - H332
P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code
1 l ET01921000
2,5 l ET01922500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

Ethylene glycol monophenyl ether. See 2-Phenoxyethanol page 221

Ethyl ether. See Diethyl ether page 92

GA0060 Ethyl gallate, extra pure

Galic acid ethyl ester



- M = 198,18 g/mol
- CAS [831-61-8]

- Melting point: 150 - 152 °C

assay (acidimetric) min. 98 %

Store between 15°C and 25°C

Packaging Code
100 g GA00600100

AC0990 2-Ethylhexanoic acid, synthesis grade



3-Heptanecarboxylic acid, α-Ethylcaproic acid



- M = 144,22 g/mol
- CAS [149-57-5]
- Density: 0,91

- Melting point: -35 °C
- Boiling point: 218 - 220 °C

GHS information: Warning.
H361d
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
250 ml AC09900250
1 l AC09901000

assay (G.C.)..... min. 98 %

FT0025 Bis-(2-ethylhexyl) phthalate, synthesis grade



Di-(2 ethylhexyl) phthalate, Dioctyl phthalate, Diisooctyl phthalate, Phthalic acid



- M = 390,57 g/mol
- CAS [117-81-7]
- Density: 0,98

- Melting point: ~ -50 °C
- Boiling point: (5 hPa) 220 - 225 °C

GHS information: Danger.
H360FD
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
1 l FT00251000

assay (G.C.)..... min. 98 %

LA0045 Ethyl lactate, synthesis grade*L(-)-Lactic acid ethyl ester, (S)-(-)-2-Hydroxypropanoic acid ethyl ester*
Packaging Code
 1 l LA00451000


- M = 118,14 g/mol
- CAS [687-47-8]
- Density: 1,03

- Melting point: -25 °C
- Boiling point: 154 °C
- UN 1192

GHS information: Danger.
 H318 - H226 - H335
 P210 - P303+P361+P353 - P305+P351+P338 - P310 -
 P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %

LA0047 Ethyl lactate, reagent grade*L(-)-Lactic acid ethyl ester, (S)-(-)-2-Hydroxypropanoic acid ethyl ester*
Packaging Code
 1 l LA00471000


- M = 118,14 g/mol
- CAS [687-47-8]
- Density: 1,03

- Melting point: -25 °C
- Boiling point: 154 °C
- UN 1192

GHS information: Danger.
 H318 - H226 - H335
 P210 - P303+P361+P353 - P305+P351+P338 - P310 -
 P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
 non-volatile matter..... max. 0,005 %
 water (K.F.)..... max. 0,1 %

TI0050 Ethylmercurithiosalicylic acid, sodium salt, synthesis grade*Thimerosal, Thiomersal, Merthiolate, 2-(Ethylmercury)thiobenzoic acid sodium salt*
Packaging Code
 25 g TI00500025
 100 g TI00500100


- M = 404,81 g/mol
- CAS [54-64-8]

- Melting point: 232 - 233 °C (decomposes)
- UN 2025

GHS information: Danger.
 H300 - H310 - H330 - H373 - H400 - H410
 P301+P310 - P310 - P320 - P361 - P405 - P501a

assay..... min. 97 %

Store between 15°C and 25°C

ME0454 Ethyl methyl ketone, synthesis grade*2-Butanone, Methyl ethyl ketone, MEK*
Packaging Code
 1 l ME04541000
 2,5 l ME04542500
 5 l ME0454005L
 25 l ME0454025L


- M = 72,11 g/mol
- CAS [78-93-3]
- Density: 0,80

- Melting point: -86 °C
- Boiling point: 79,6 °C
- UN 1193

GHS information: Danger.
 H225 - H319 - H336 - EUH066
 P210 - P241 - P303+P361+P353 - P305+P351+P338 -
 P405 - P501a

assay (G.C.)..... min. 99 %

ME0456 Ethyl methyl ketone, extra pure*2-Butanone, Methyl ethyl ketone, MEK*
Packaging Code
 1 l ME04561000
 2,5 l ME04562500
 5 l ME0456005L
 25 l ME0456025A
 25 l ME0456025S


- M = 72,11 g/mol
- CAS [78-93-3]
- Density: 0,80

- Melting point: -86 °C
- Boiling point: 79,6 °C
- UN 1193

GHS information: Danger.
 H225 - H319 - H336 - EUH066
 P210 - P241 - P303+P361+P353 - P305+P351+P338 -
 P405 - P501a

assay (G.C.)..... min. 99 %
 non-volatile matter..... max. 0,001 %
 water (K.F.)..... max. 0,1 %

ME0457 Ethyl methyl ketone, reagent grade, ACS, Reag. Ph Eur*2-Butanone, Methyl ethyl ketone, MEK*
Packaging Code
 1 l ME04571000
 2,5 l ME04572500
 5 l ME0457005L
 25 l ME0457025S


- M = 72,11 g/mol
- CAS [78-93-3]
- Density: 0,80

- Melting point: -86 °C
- Boiling point: 79,6 °C
- UN 1193

GHS information: Danger.
 H225 - H319 - H336 - EUH066
 P210 - P241 - P303+P361+P353 - P305+P351+P338 -
 P405 - P501a

assay (G.C.)..... min. 99,5 %

PR0115 Ethyl propionate, synthesis grade



Propionic acid ethyl ester



- M = 102,13 g/mol
- CAS [105-37-3]
- Density: 0,89

- Melting point: -74 °C
- Boiling point: 96 - 100 °C
- UN 1195

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code

1 l PR01151000

Store between 15°C and 25°C

assay (G.C.) min. 99 %

ET0245 Ethylvanillin, synthesis grade



3-Ethoxy-4-hydroxybenzaldehyde



- M = 166,18 g/mol
- CAS [121-32-4]

- Melting point: 75 - 77 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

250 g ET02450250

lumpy powder , white

assay (G.C.) min. 99 %

Store between 15°C and 25°C

EU0025 Eucalyptol, synthesis grade



Cineole, 1,3,3-Trimethyl-2-oxabicyclo(2,2,2)-octane



- M = 154,3 g/mol
- CAS [470-82-6]
- Density: 0,922 - 0,927

- Boiling point: 174 - 177 °C
- UN 1993

GHS information: Warning.

H226

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code

250 ml EU00250250

1 l EU00251000

Store between 15°C and 25°C

assay (G.C.) min. 99 %

AZ0170 Evans blue, C.I. 23860, for microscopy



- M = 960,82 g/mol

- CAS [314-13-6]

Packaging Code

5 g AZ01700005

Store between 15°C and 25°C

EX0001 Extrachrom[®], eluent HPLC grade



- Density: 0,79

- UN 1992

GHS information: Danger.

H225 - H330 - H370

P210 - P303+P361+P353 - P310 - P320 - P405 - P501a

Packaging Code

2,5 l EX00012500

Hygroscopic

Store between 15°C and 25°C

non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,03 %
gradient grade (235 nm)	
maximum background absorbance.....	0,15 AU
maximum peak absorbance.....	0,0015 AU

Extrachrom is a trademark of
Atlantilabo-ICS
min. transmission/max. absorbance
wavelength:
220 nm.....
235 nm.....
250 nm.....
Microfiltered through membranes
of pore diameter 0,22 µm

	T(%)	A (AU)
220 nm.....	20 %	0,699 AU
235 nm.....	50 %	0,301 AU
250 nm.....	90 %	0,046 AU

RE0005 Fehling's solution, solution A: copper(II) sulfate, Ph Eur, for determination of sugar



• Density: 1,04

GHS information: H411
P273 - P391 - P501a

Packaging Code
250 ml RE00050250
1 l RE00051000

Store between 15°C and 25°C

RE0006 Fehling's solution, solution B: potassium sodium tartrate, alkaline, Ph Eur, for determination of sugar



• Density: 1,24

• UN 1719

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
250 ml RE00060250
1 l RE00061000

Store between 15°C and 25°C

FE0529 Ferroin, solution 0,025 mol/l, redox indicator

1,10-Phenanthroline iron (II) salt, Tris(1,10-phenanthroline) iron (II) sulfate



• M = 692,53 g/mol
• CAS [14634-91-4]

• Density: 1,01

Packaging Code
100 ml FE05290100

Store between 15°C and 25°C

FI0009 Ficoll® 400, molecular biology grade

• CAS [26873-85-8]

bulky powder, white

Store between 15°C and 25°C

Packaging Code
25 g FI00090025

FL0105 Fluorescamine, reagent grade



• M = 278,26 g/mol
• CAS [38183-12-9]

• Melting point: 155 - 157 °C

assay (UV) min. 98 %

Store between 15°C and 25°C

Packaging Code
100 mg FL0105.100

FL0112 Fluorescein, C.I. 45350, synthesis grade



3',6'-Dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one



• M = 332,31 g/mol
• CAS [2321-07-5]

• Melting point: 320 °C

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code
100 g FL01120100

Store between 15°C and 25°C

assay..... min. 95 %

FL0113 Fluorescein, C.I. 45350, extra pure



3',6'-Dihydroxyspiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one



• M = 332,31 g/mol
• CAS [2321-07-5]

• Melting point: 320 °C

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code
10 g FL01130010
25 g FL01130025

powder, reddish

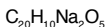
Store between 15°C and 25°C

Fluor

FL0122 Fluorescein sodium, C.I. 45350, pure



3',6'-Dihydroxyspiro-[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, Resorcinolphthalein



- M = 376,28 g/mol
- CAS [518-47-8]

- Melting point: > 360 °C

GHS information: Warning.

H312 - H332

P261 - P280 - P322 - P304+P340 - P312 - P501a

Packaging Code

100 g FL01220100

250 g FL01220250

1 kg FL01221000

powder, reddish brown

Store between 5°C and 30°C

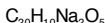
assay (titr. with HClO₄ on

dried substance)..... min. 95 %

FL0125 Fluorescein sodium, C.I. 45350, extra pure



3',6'-Dihydroxyspiro-[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, Resorcinolphthalein



- M = 376,28 g/mol
- CAS [518-47-8]

- Melting point: > 360 °C

GHS information: Warning.

H312 - H332

P261 - P280 - P322 - P304+P340 - P312 - P501a

Packaging Code

25 g FL01250025

100 g FL01250100

250 g FL01250250

Store between 5°C and 30°C

assay (titr. with HClO₄)..... min. 97 %

RE0018 Folin-Ciocalteu, phenol reagent



- Density: ~ 1,24

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P332+P313 -

P337+P313 - P362

Packaging Code

250 ml RE00180250

Store between 15°C and 25°C

FO0009 Formaldehyde, solution 37%, synthesis grade



Formalin solution, Formol, Methanal solution, Methyl aldehyde solution



- M = 30,03 g/mol
- CAS [50-00-0]
- Density: 1,09

- Melting point: < -15 °C
- Boiling point: 93 - 96 °C
- UN 2209

GHS information: Danger.

H301 - H311 - H330 - H370 - H351 - H314 - H317

P301+P310 - P303+P361+P353 - P305+P351+P338 -

P310 - P320 - P361 - P405 - P501a

Packaging Code

1 l FO00091000

5 l FO0009005P

25 l FO0009025P

Hygroscopic

Store between 15°C and 25°C

FO0010 Formaldehyde, solution 37% w/w, extra pure, Ph Eur, BP, USP, stabilized with approx. 10 % of methanol



Formalin solution, Formol, Methanal solution, Methyl aldehyde solution



- M = 30,03 g/mol
- CAS [50-00-0]
- Density: 1,09

- Melting point: < -15 °C
- Boiling point: 93 - 96 °C
- UN 2209

GHS information: Danger.

H301 - H311 - H330 - H370 - H351 - H314 - H317

P301+P310 - P303+P361+P353 - P305+P351+P338 -

P310 - P320 - P361 - P405 - P501a

Packaging Code

1 l FO00101000

2,5 l FO00102500

5 l FO0010005P

25 l FO0010025P

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric).....

34,5 - 38,0 %

methanol (G.C.) (v/v).....

9 - 15 %

other residual solvents(Ph Eur/ICH).....

excluded by
production process

FO0011 Formaldehyde, solution 37% w/w, reagent grade, stabilized with approx. 10 % methanol



Formalin solution, Formol, Methanal solution, Methyl aldehyde solution



- M = 30,03 g/mol
- CAS [50-00-0]
- Density: 1,09

- Melting point: < -15 °C
- Boiling point: 93 - 96 °C
- UN 2209

GHS information: Danger.

H301 - H311 - H330 - H370 - H351 - H314 - H317

P301+P310 - P303+P361+P353 - P305+P351+P338 -

P310 - P320 - P361 - P405 - P501a

Packaging Code

1 l FO00111000

2,5 l FO00112500

5 l FO0011005P

25 l FO0011025P

Hygroscopic

Store between 15°C and 25°C

FO0012 Formaldehyde, solution 37% w/w, molecular biology grade*Formalin solution, Formol, Methanal solution, Methyl aldehyde solution*

• M = 30,03 g/mol
• CAS [50-00-0]
• Density: 1,09

• Melting point: < -15 °C
• Boiling point: 93 - 96 °C
• UN 2209

GHS information: Danger.
H301 - H311 - H330 - H370 - H351 - H314 - H317
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P320 - P361 - P405 - P501a

Packaging Code
250 ml FO00120250
1 l FO00121000

Hygroscopic

RNases non detected

Store between 15°C and 25°C

FO0018 Formaldehyde, solution 30 - 36% w/w, buffered at pH = 8,1, stabilized with methanol*Formalin solution, Formol, Methanal solution, Methyl aldehyde solution*

• M = 30,03 g/mol
• CAS [50-00-0]

• Density: 1,07
• UN 2209

GHS information: Danger.
H301 - H311 - H330 - H314 - H317 - H351 - H370
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P320 - P361 - P405 - P501a

Packaging Code
1 l FO00181000
10 l FO0018010C

FO0014 Formaldehyde, solution 10% w/w, buffered at pH = 7 with carbonates*Formalin solution, Formol, Methanal solution, Methyl aldehyde solution*

• M = 30,03 g/mol
• CAS [50-00-0]

• Density: 1,02

GHS information: Warning.
H302 - H312 - H332 - H315 - H319 - H317 - H351 -
H335 - H336
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code
1 l FO00141000
10 l FO0014010C

Store between 15°C and 25°C

pH..... 6,8 - 7,2

FO0013 Formaldehyde, solution 3,5 - 4% w/w, buffered at pH = 7 with carbonates*Formalin solution, Formol, Methanal solution, Methyl aldehyde solution*

• M = 30,03 g/mol
• CAS [50-00-0]

• Density: 1,003
• Boiling point: ~ 100 °C

GHS information: Warning.
H302 - H332 - H317 - H351
P261 - P280 - P281 - P321 - P405 - P501a

Packaging Code
1 l FO00131000
5 l FO0013005P
25 l FO0013025P

Store between 15°C and 25°C

pH..... 6,8 - 7,2

*Formalin solution. See Formaldehyde, solution 37% page 128***FO0025 Formamide, extra pure***Methanamide, Methane amide, Carbamaldehide, Formic acid amide*

• M = 45,04 g/mol
• CAS [75-12-7]
• Density: 1,13

• Melting point: 2 °C
• Boiling point: 210 °C

GHS information: Danger.
H360D
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
1 l FO00251000
2,5 l FO00252500

Hygroscopic

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

FO0026 Formamide, reagent grade, ACS*Methanamide, Methane amide, Carbamaldehide, Formic acid amide*

• M = 45,04 g/mol
• CAS [75-12-7]
• Density: 1,13

• Melting point: 2 °C
• Boiling point: 210 °C

GHS information: Danger.
H360D
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
1 l FO00261000
2,5 l FO00262500

Hygroscopic

assay (as N)..... min. 99,5 %

Store between 15°C and 25°C

Forma

FO0028 Formamide, dried (max. 0,02% H₂O), reagent grade (Karl Fischer)



Methanamide, Methane amide, Carbamaldehide, Formic acid amide

CH₃NO

• M = 45,04 g/mol
• CAS [75-12-7]
• Density: 1,13

• Melting point: 2 °C
• Boiling point: 210 °C

GHS information: Danger.
H360D
P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (as N)..... min. 99,5 %

Hygroscopic

Store between 15°C and 25°C

Packaging Code

1 l FO00281000

FO0027 Formamide, molecular biology grade



Methanamide, Methane amide, Carbamaldehide, Formic acid amide

CH₃NO

• M = 45,04 g/mol
• CAS [75-12-7]
• Density: 1,13

• Melting point: 2 °C
• Boiling point: 210 °C

GHS information: Danger.
H360D
P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (as N) min. 99 %
DNases, RNases, Proteases non detected

Hygroscopic

Store between 15°C and 25°C

Packaging Code

100 ml FO00270100

AC1086 Formic acid, 98 - 100%, extra pure



Methanoic acid, Formylic acid

HCOOH

• M = 46,03 g/mol
• CAS [64-18-6]
• Density: 1,22

• Melting point: ~ 8 °C
• Boiling point: 101 °C
• UN 1779

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

assay (acidimetric)..... min. 98 %
non-volatile matter..... max. 0,005 %

Store between 15°C and 25°C

Packaging Code

1 l AC10861000
2,5 l AC10862500
5 l AC1086005P
25 l AC1086025P

AC1085 Formic acid, 98 - 100%, reagent grade, ACS, Reag. Ph Eur



Methanoic acid, Formylic acid

HCOOH

• M = 46,03 g/mol
• CAS [64-18-6]
• Density: 1,22

• Melting point: ~ 8 °C
• Boiling point: 101 °C
• UN 1779

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

assay (acidimetric)..... min. 98 %
non-volatile matter..... max. 0,001 %

Store between 15°C and 25°C

Packaging Code

1 l AC10851000
2,5 l AC10852500
5 l AC1085005P
25 l AC1085025P

AC1076 Formic acid, eluent additive for LC-MS



Methanoic acid, Formylic acid

HCOOH

• M = 46,03 g/mol
• CAS [64-18-6]
• Density: 1,22

• Melting point: ~ 8 °C
• Boiling point: 101 °C
• UN 1779

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

assay (acidimetric)..... 98 - 100 %
suitability for use in LC-MS..... passes test

Store between 15°C and 25°C

Packaging Code

50 ml AC10760050

AC1083 Formic acid, solution 90,1% ± 0,1% w/w, reagent grade



Methanoic acid, Formylic acid

HCOOH

• M = 46,03 g/mol
• CAS [64-18-6]
• Density: ~ 1,2

• Melting point: -9 °C
• Boiling point: 107 °C
• UN 1779

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

assay (acidimetric)..... 90,0 - 90,2 %

Packaging Code

1 l AC10831000
2,5 l AC10832500

AC1080 Formic acid, solution 85% w/w, extra pure

Methanoic acid, Formylic acid
HCOOH

- M = 46,03 g/mol
- CAS [64-18-6]
- Density: ~ 1,2

- Melting point: ~ -9 °C
- Boiling point: ~ 107 °C
- UN 1779

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

 assay (acidimetric)..... min. 85 %
 non-volatile matter..... max. 0,01 %

Packaging Code

 1 l AC10801000
 2,5 l AC10802500
 5 l AC1080005P
 25 l AC1080025P

AC1081 Formic acid, solution 85% w/w, reagent grade

Methanoic acid, Formylic acid
HCOOH

- M = 46,03 g/mol
- CAS [64-18-6]
- Density: ~ 1,2

- Melting point: ~ -9 °C
- Boiling point: ~ 107 °C
- UN 1779

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

 assay (acidimetric)..... min. 85 %
 colour (Hazen)..... max. 10

Packaging Code

 1 l AC10811000
 2,5 l AC10812500
 5 l AC1081005P

AC1075 Formic acid, solution 10% in water, for cleaning purposes, LC-MS

Methanoic acid, Formylic acid

- CAS [64-18-6]

- UN 3265

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

 formic acid content (v/v)..... 9,5 - 10,5 %
 suitability for use in LC-MS..... passes test

Packaging Code

1 l AC10751000

Formol. See Formaldehyde, solution 37% page 128

LE0070 D(-)-Fructose, extra pure, Ph Eur, BP, USP
Levulose, Laevulose
C₆H₁₂O₆

- M = 180,16 g/mol
- CAS [57-48-7]

- Melting point: 100 - 110 °C (decomposes)

 assay (C6H12O6).....
 other residual solvents (Ph Eur/ICH).....

 98,5 - 102,0 %
 excluded by
 production process

crystals, white or almost white

Store between 15°C and 25°C

Packaging Code

 500 g LE00700500
 1 kg LE00701000

FU0055 Fuchsin acid, C.I. 42685, for microscopy
C₂₀H₁₇N₃Na₂O₉S₃

- M = 585,54 g/mol
- CAS [3244-88-0]

- Melting point: > 130 °C (decomposes)

crystalline powder, dark green

Store between 5°C and 30°C

Packaging Code

 10 g FU00550010
 25 g FU00550025
 50 g FU00550050
 100 g FU00550100

FU0060 Fuchsin basic, C.I. 42510, for microscopy
C₂₀H₁₂ClN₃

- M = 337,85 g/mol
- CAS [632-99-5]

- Melting point: ~ 235 °C (decomposes)

powder, dark green

Store between 5°C and 30°C

Packaging Code

 25 g FU00600025
 100 g FU00600100

Fuchs

FU0065 Fuchsin basic, carbol solution, according to Ziehl



• Density: 0,98

• UN 2920

GHS information: Danger.
H226 - H331 - H314 - H341
P210 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a -

Store between 15°C and 25°C

Packaging Code
500 ml FU00650500
2,5 l FU00652500

FU0035 L(-)-Fucose, for biochemistry

6-Deoxy-β-galactose



• M = 164,16 g/mol
• CAS [2438-80-4]

• Melting point: 150 - 153 °C

Store between 15°C and 25°C

Packaging Code
1 g FU00350001

AC1155 Fumaric acid, extra pure



trans-Butenedioic acid



• M = 116,07 g/mol
• CAS [110-17-8]

• Melting point: 287 °C
• Boiling point: 290 °C

powder, white

Store between 15°C and 25°C

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code
1 kg AC11551000

assay (acidimetric) min. 99 %

FU0090 Furfural, synthesis grade



2-Furaldehyde, 2-Furancarbaldehyde, Furylmethanal



• M = 96,09 g/mol
• CAS [98-01-1]
• Density: 1,16

• Melting point: -37 °C
• Boiling point: 162 °C
• UN 1199

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %

Packaging Code
1 l FU00901000
5 l FU0090005P
25 l FU0090025A

GABA. See 4-Aminobutyric acid page 19

GA0025 D(+)-Galactose, extra pure, Ph Eur, BP

Lactoglucose, D-Galactopyranose



• M = 180,16 g/mol
• CAS [59-23-4]

• Melting point: 163 - 169 °C

Store between 15°C and 25°C

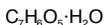
identity (IR-spectrum)..... passes test
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code
100 g GA00250100

AC1180 Gallic acid monohydrate, extra pure



3,4,5-Trihydroxybenzoic acid



• M = 188,14 g/mol
• CAS [5995-86-8]

• Melting point: 256 - 260 °C

lumpy powder, cream

GHS information: Warning.
H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code
250 g AC11800250
500 g AC11800500

assay (acidimetric)..... min. 99,5 %

GE0020 Gelatine powder, for analysis and bacteriology

Gelatin powder

• CAS [9000-70-8] • Boiling point: 100 °C

crystals or granules, yellow
Store between 5°C and 30°C

Packaging Code
250 g  GE00200250
1 kg  GE00201000

VI0032 Gentian violet, carbol solution, for microscopy

• Density: 0,988

Packaging Code
500 ml  VI00320500
2,5 l  VI00322500

Gerber's sulfuric acid. See Sulfuric acid, 90 - 91% page 313

Giemsa's azur eosin methylene blue. See Azur eosin methylene blue dye, according to Giemsa page 32

Giemsa's solution. See Azur eosin methylene blue solution (in methanol), according to Giemsa, modified page 33

LA0075 Glass wool, washed

• CAS [65997-17-3]

Packaging Code
100 g  LA00750100
250 g  LA00750250
1 kg  LA00751000

AC1200 Gluconic acid, solution 50 % w/w, extra pure

Dextronic acid, Maltonic acid, Glyconic acid, Pentahydroxycaproic acid

$C_6H_{12}O_7$

• M = 196,16 g/mol • Density: 1,24
• CAS [526-95-4] • Boiling point: 105 - 106 °C

Store between 15°C and 25°C

Packaging Code
250 ml  AC12000250

GL0110 D-Glucono-δ-lactone, synthesis grade

D(+)-Glucono-1,5-lactone, δ-Gluconolactone, D(+)-Dextronic acid δ-lactone

$C_6H_{10}O_6$

• M = 178,14 g/mol • Melting point: 153 °C
• CAS [90-80-2]

crystals, white

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,5 %

Packaging Code
250 g  GL01100250
1 kg  GL01101000

GL0125 D(+)-Glucose anhydrous, extra pure, Ph Eur, BP, USP

Dextrose

$C_6H_{12}O_6$

• M = 180,16 g/mol • Melting point: ~ 146 °C
• CAS [50-99-7]

Store between 15°C and 25°C

residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code
1 kg  GL01251000

Gluco

GL0127 D(+)-Glucose anhydrous, reagent grade, ACS, Reag. Ph Eur

Dextrose

$C_6H_{12}O_6$

• M = 180,16 g/mol

• CAS [50-99-7]

• Melting point: ~ 146 °C

Packaging

250 g

1 kg

5 kg

Code

GL01270250

GL01271000

GL0127005P

Store between 15°C and 25°C

GL0129 D(+)-Glucose monohydrate, extra pure, Ph Eur, BP, USP

Dextrose, Blood sugar

$C_6H_{12}O_6 \cdot H_2O$

• M = 198,17 g/mol

• CAS [5996-10-1]

• Melting point: ~ 83 °C

Packaging

500 g

1 kg

5 kg

Code

GL01290500

GL01291000

GL0129005P

residual solvents (Ph Eur/ICH).....

excluded by production process

Store between 15°C and 25°C

GL0150 D(+)-Glucuronic acid-γ-lactone, synthesis grade

D(+)-Glucurono-6,3-lactone

$C_6H_8O_6$

• M = 176,13 g/mol

• CAS [32449-92-6]

• Melting point: 170 - 175 °C

Packaging

25 g

100 g

250 g

Code

GL01500025

GL01500100

GL01500250

assay (acidimetric) min. 99 %

Store between 15°C and 25°C

AC1225 L-Glutamic acid, extra pure, Ph Eur, BP

L-α-Aminoglutaric acid, (S)-2-Aminopentanedioic acid

$C_5H_9NO_4$

• M = 147,13 g/mol

• CAS [56-86-0]

• Melting point: 160 °C

Packaging

250 g

1 kg

Code

AC12250250

AC12251000

lumpy powder, white

assay (acidimetric)..... 98,5 - 100,5 %

residual solvents (Ph Eur/ICH)..... excluded by production process

Store between 5°C and 30°C

GL0165 L-Glutamine, extra pure, USP

L-Glutamic acid-5-amide

$C_5H_{10}N_2O_3$

• M = 146,15 g/mol

• CAS [56-85-9]

• Melting point: 185 - 186 °C

Packaging

25 g

100 g

Code

GL01650025

GL01650100

assay (titr. with HClO4 , on dried substance)..... 98,5 - 101,5 %

Store between 5°C and 30°C

GL0168 Glutardialdehyde, solution 50% w/w, extra pure

Pentanedial, Glutaraldehyde, Glutaric dialdehyde

$C_5H_8O_2$

• M = 100,12 g/mol

• CAS [111-30-8]

• Density: 1,13

• Melting point: -21 °C

• Boiling point: 100,5 °C

• UN 2927

Packaging

250 ml

1 l

Code

GL01680250

GL01681000

GHS information: Danger.

H301 - H330 - H334 - H314 - H400 - H317 - H335 - H336

P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P405 - P501a

Store between 15°C and 25°C



GL0170 Glutardialdehyde, solution 25% w/w, extra pure



Pentanedial, Glutaraldehyde, Glutaric dialdehyde



- M = 100,12 g/mol
- CAS [111-30-8]
- Density: 1,06

- Melting point: -7 °C
- Boiling point: ~ 100 °C
- UN 2927

GHS information: Danger.

H330 - H334 - H314 - H400 - H302 - H317 - H335 - H336
P303+P361+P353 - P305+P351+P338 - P310 - P320 - P405 - P501a

Packaging Code

250 ml GL01700250
1 l GL01701000

Store between 15°C and 25°C

Glycerin. See Glycerol page 135

GL0027 Glycerol, 99%, extra pure, Ph Eur, BP, USP

Glycerin, 1,2,3-Propanetriol



- M = 92,10 g/mol
- CAS [56-81-5]
- Density: 1,26

- Melting point: 18 °C
- Boiling point: (0,09 hPa) 120 °C

assay (acidimetric, on dried sample)..... 98 - 101 %
water (K.F.)..... max. 2 %

Packaging Code

1 l GL00271000
5 l GL0027005P
25 l GL0027025P

Hygroscopic

GL0026 Glycerol, 99,5%, reagent grade, ACS, Reag. Ph Eur

Glycerin, 1,2,3-Propanetriol



- M = 92,10 g/mol
- CAS [56-81-5]
- Density: 1,26

- Melting point: 18 °C
- Boiling point: (0,09 hPa) 120 °C

assay (G.C.) min. 99,5 %

Packaging Code

1 l GL00261000
2,5 l GL00262500
5 l GL0026005P

Hygroscopic

GL0028 Glycerol anhydrous, molecular biology grade

Glycerin, 1,2,3-Propanetriol



- M = 92,10 g/mol
- CAS [56-81-5]
- Density: 1,26

- Melting point: 18 °C
- Boiling point: (0,09 hPa) 120 °C

assay (acidimetric)..... min. 99 %
DNases, RNases, Proteases non detected

Packaging Code

100 ml GL00280100
1 l GL00281000

Hygroscopic

GL0023 Glycerol, solution 86 - 88% w/w, reagent grade, ISO

Glycerin, 1,2,3-Propanetriol



- M = 92,10 g/mol
- CAS [56-81-5]
- Density: 1,23

- Melting point: 17,8 °C
- Boiling point: > 130 °C

GHS information: EUH210

Packaging Code

1 l GL00231000
5 l GL0023005P

Store between 5°C and 30°C

Glycerol triacetate. See Triacetin page 331

Glyci

AC0402 Glycine, extra pure, Ph Eur, BP, USP

Aminoacetic acid, Glycocol



- M = 75,07 g/mol
 - CAS [56-40-6]
- Melting point: 232 - 236 °C (decomposes)

crystals, white or almost white
Store between 15°C and 25°C

assay (titr. with HClO₄, on dried substance)..... 98,5 - 101 %
residual solvents (Ph Eur/ICH) class 2 (Methanol)..... max. 0,3 %
other residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging	Code
250 g	AC04020250
1 kg	AC04021000
5 kg	AC0402005P

AC0404 Glycine, reagent grade, ACS, Reag. Ph Eur

Aminoacetic acid, Glycocol



- M = 75,07 g/mol
 - CAS [56-40-6]
- Melting point: 232 - 236 °C (decomposes)

crystals, bright white
Store between 15°C and 25°C

assay (titr. with HClO₄)..... min. 99,7 %

Packaging	Code
250 g	AC04040250
1 kg	AC04041000
5 kg	AC0404005P

AC0406 Glycine, molecular biology grade

Aminoacetic acid, Glycocol



- M = 75,07 g/mol
 - CAS [56-40-6]
- Melting point: 232 - 236 °C (decomposes)

crystals, bright white
Store between 15°C and 25°C

assay (titr. with HClO₄)..... min. 99,7 %
DNases, RNases, Proteases non detected

Packaging	Code
100 g	AC04060100
1 kg	AC04061000

Glycocol. See Glycine page 136

Glycol. See Ethylene glycol page 123

GL0095 Glyoxal bis-(2-hydroxyanil), reagent grade, Reag. Ph Eur

1,2-Bis-(2-hydroxyphenylimino)ethane



- M = 240,26 g/mol
 - CAS [1149-16-2]
- Melting point: 225 °C

Store between 15°C and 25°C

assay (det. of N)..... min. 97 %

Packaging	Code
10 g	GL00950010
25 g	GL00950025

Gram H cker's crystal violet oxalate. See Crystal violet oxalate, solution according to Gram H cker page 79

Gram's bleaching agent acid solution. See Bleaching agent, acid solution according to Gram page 41

Gram's bleaching agent solution. See Bleaching agent, solution according to Gram page 41

Gram's safranin O solution. See Safranin O, solution according to Gram page 256

Gram's stain, bleaching agent for. See Mixture acetone/methanol, 20:80 v/v, bleaching agent for Gram stain page 196

GR0012 Graphite, powder**C**

• M = 12,01 g/mol
• CAS [7782-42-5]

• Melting point: 3800 °C

powder, black

grain size (< 75 µm)..... min. 99 %

Packaging Code

1 kg  GR00121000

GU0115 Guaiacol, synthesis grade

O-Methoxyphenol, Methylcatechol, 1-Hydroxy-2-methoxybenzene, 2-Methoxyphenol,

$C_7H_8O_2$

• M = 124,14 g/mol
• CAS [90-05-1]
• Density: 1,13

• Melting point: 28 - 32 °C
• Boiling point: 205 °C

GHS information: Warning.
H302 - H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

Packaging Code

250 ml  GU01150250

1 l  GU01151000

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

GU0060 Guanidine hydrochloride, synthesis grade

Guanidinium chloride, Aminomethanamide hydrochloride, Carbamide hydrochloride

$CH_5N_3 \cdot HCl$

• M = 95,53 g/mol
• CAS [50-01-1]

• Melting point: 185 °C

GHS information: Warning.
H302 - H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

Packaging Code

250 g  GU00600250

1 kg  GU00601000

Hygroscopic

Store between 5°C and 30°C

assay (argentometric)..... min. 99,5 %

GU0061 Guanidine hydrochloride, molecular biology grade

Guanidinium chloride, Aminomethanamide hydrochloride, Carbamide hydrochloride

$CH_5N_3 \cdot HCl$

• M = 95,53 g/mol
• CAS [50-01-1]

• Melting point: 185 °C

GHS information: Warning.
H302 - H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

Packaging Code

100 g  GU00610100

1 kg  GU00611000

Hygroscopic

Store between 5°C and 30°C

assay (titr. with HClO4)..... min. 99,5 %
DNases, RNases, Proteases non detected

GU0065 Guanidine thiocyanate, molecular biology grade

Aminomethanamide thiocyanate, Carbamide thiocyanate

$C_2H_6N_4S$

• M = 118,16 g/mol
• CAS [593-84-0]

• Melting point: 118 °C
• UN 2811

GHS information: Warning.
H302 - H312 - H332 - H412 - EUH032

P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

Packaging Code

25 g  GU00650025

250 g  GU00650250

Store between 15°C and 25°C

assay (argentometric) min. 99 %
RNases non detected

GU0050 Guanidinium carbonate, synthesis grade

Aminomethanamide carbonate, Carbamide carbonate

$(CH_5N_3)_2 \cdot H_2CO_3$

• M = 180,17 g/mol

• CAS [593-85-1]

GHS information: Warning.
H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

1 kg  GU00501000

Store between 15°C and 25°C

assay (titr. with HClO4) min. 99 %

Gum

GO0020 Gum arabic, pure, powder, Ph Eur, BP



Acacia

• CAS [9000-01-5]

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

powder, slightly yellow

Store between 15°C and 25°C

Packaging Code

100 g  GO00200100

500 g  GO00200500

1 kg  GO00201000

GO0030 Gum tragacanth, synthesis grade

Tragacanth

• M = ~ 840000 g/mol

• CAS [9000-65-1]

Store between 15°C and 25°C

Packaging Code

250 g  GO00300250

1 kg  GO00301000

RE0020 Hanus solution, IBr solution 0,1 mol/l (0,2 N)



Iodine solution according to Hanus

IBr

• Density: 1,06

• UN 2920

Store between 15°C and 25°C

Packaging Code

1 l  RE00201000

GHS information: Danger.
H226 - H314
P210 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Heavy water. See Deuterium oxide page 83

HE0070 Hematoxylin, C.I. 75290, pH indicator



cis-(+)-7,11b-Dihydrobenz[b]indeno[1,2-d]pyran-3,4,6a,9,10(6H)pentol, Hydroxybrasilin

C₁₆H₁₄O₆

• M = 302,29 g/mol

• CAS [517-28-2]

• Melting point: ~ 140 °C (release of crystalline water)

GHS information: Warning.
H302 - H312 - H332
P261 - P280 - P322 - P301+P312 - P304+P340 -
P501a

powder, beige or brown

Store between 5°C and 30°C

Packaging Code

5 g  HE00700005

25 g  HE00700025

HE0060 Hematoxylin, according to Harris

C₁₆H₁₄O₆

GHS information: EUH210

• Density: 1,075

Packaging Code

500 ml  HE00600500

1 l  HE00601000

2,5 l  HE00602500

HE0100 HEPES free acid, molecular biology grade

4-(2-Hydroxyethyl)-1-piperazineethanesulfonic acid,

C₈H₁₈N₂O₄S

• M = 238,3 g/mol

• CAS [7365-45-9]

• Melting point: 210 - 215 °C

powder, white

Store between 5°C and 30°C

Packaging Code

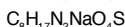
25 g  HE01000025

250 g  HE01000250

25 g  HE01000025

250 g  HE01000250

assay (acidimetric) min. 99 %
DNases, RNases, Proteases non detected

HE0011 HEPES, sodium salt, molecular biology grade
N-(2-Hydroxyethyl)-piperazine-*N'*-(2-ethanesulfonic acid) sodium salt


• M = 260,28 g/mol

• CAS [75277-39-3]

powder, white

assay (titr. with HClO₄, referred to dried substance) min. 99 %

Store between 15°C and 25°C

Packaging Code

25 g  HE00110025

250 g  HE00110250

AC1235 Heptafluorobutyric acid, 99,5 %

Perfluorobutyric acid, HFBA, Edman reagent No. 3


• M = 214,04 g/mol

• CAS [375-22-4]

• Density: 1,645

• Melting point: -17,5 °C

• Boiling point: (755mm Hg) 120 °C

• UN 3265

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

100 ml  AC12350100

Store between 15°C and 25°C

HE0123 n-Heptane, 95%, synthesis grade

n-Dipropylmethane, *n*-Heptylhydride


• M = 100,21 g/mol

• CAS [142-82-5]

• Density: 0,68

• Melting point: -90,6 °C

• Boiling point: 98,4 °C

• UN 1206

GHS information: Danger.

H225 - H315 - H336 - H304 - H400 - H410

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l  HE01231000

2,5 l  HE01232500

25 l  HE0123025L

Store between 15°C and 25°C

assay (G.C.) min. 95 %

HE0125 n-Heptane, 99%, extra pure

n-Dipropylmethane, *n*-Heptylhydride


• M = 100,21 g/mol

• CAS [142-82-5]

• Density: 0,68

• Melting point: -90,6 °C

• Boiling point: 98,4 °C

• UN 1206

GHS information: Danger.

H225 - H315 - H336 - H304 - H400 - H410

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l  HE01251000

2,5 l  HE01252500

5 l  HE0125005L

25 l  HE0125025A

25 l  HE0125025S

Store between 15°C and 25°C

assay (G.C.) min. 99 %
non-volatile matter max. 0,001 %
water (K.F.) max. 0,02 %

HE0127 n-Heptane, 99%, reagent grade, Reag. Ph Eur

n-Dipropylmethane, *n*-Heptylhydride


• M = 100,21 g/mol

• CAS [142-82-5]

• Density: 0,68

• Melting point: -90,6 °C

• Boiling point: 98,4 °C

• UN 1206

GHS information: Danger.

H225 - H315 - H336 - H304 - H400 - H410

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l  HE01271000

2,5 l  HE01272500

25 l  HE0127025A

25 l  HE0127025S

Store between 15°C and 25°C

assay (G.C.) min. 99,2 %
non-volatile matter max. 0,0005 %
water (K.F.) max. 0,01 %

Hepta

HE0130 n-Heptane, 99%, spectroscopy grade, Spectrosol®



n-Dipropylmethane, n-Heptylhydride



- M = 100,21 g/mol
- CAS [142-82-5]
- Density: 0,68

- Melting point: -90,6 °C
- Boiling point: 98,4 °C
- UN 1206

GHS information: Danger.
H225 - H315 - H336 - H304 - H400 - H410
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

1 l HE01301000
2,5 l HE01302500

Store between 15°C and 25°C

assay (G.C.).....	min. 99,2 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,005 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
200 nm.....	10 % 1,000 AU
210 nm.....	50 % 0,301 AU
220 nm.....	80 % 0,097 AU
228 nm.....	90 % 0,046 AU
245 nm.....	98 % 0,009 AU

HE0131 n-Heptane, 99%, HPLC grade



n-Dipropylmethane, n-Heptylhydride



- M = 100,21 g/mol
- CAS [142-82-5]
- Density: 0,68

- Melting point: -90,6 °C
- Boiling point: 98,4 °C
- UN 1206

GHS information: Danger.
H225 - H315 - H336 - H304 - H400 - H410
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

1 l HE01311000
2,5 l HE01312500
7 l HE0131007E
25 l HE0131025S

Store between 15°C and 25°C

assay (G.C.).....	min. 99,3 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,01 %
min. transmission/max. absorbance	
wavelength:	T (%) A (AU)
200 nm.....	20 % 0,699 AU
210 nm.....	50 % 0,301 AU
227 nm.....	90 % 0,046 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

HE0126 n-Heptane, 99%, anhydrous (max. 0,003 % H₂O)



n-Dipropylmethane, n-Heptylhydride



- M = 100,21 g/mol
- CAS [142-82-5]
- Density: 0,68

- Melting point: -90,6 °C
- Boiling point: 98,4 °C
- UN 1206

GHS information: Danger.
H225 - H315 - H336 - H304 - H400 - H410
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

100 ml HE01260100
500 ml HE01260500
1 l HE01261000

Store between 15°C and 25°C

water (K.F.)..... max. 0,003 %

HE0129 n-Heptane, 99%, anhydrous (max. 0,005 % H₂O), with molecular sieves



n-Dipropylmethane, n-Heptylhydride



- M = 100,21 g/mol
- CAS [142-82-5]
- Density: 0,68

- Melting point: -90,6 °C
- Boiling point: 98,4 °C
- UN 1206

GHS information: Danger.
H225 - H315 - H336 - H304 - H400 - H410
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

1 l HE01291000

Store between 15°C and 25°C

water (K.F.)..... max. 0,005 %

HE0135 n-Heptane, 99%, ASTM



n-Dipropylmethane, n-Heptylhydride



- M = 100,21 g/mol
- CAS [142-82-5]
- Density: 0,68

- Melting point: -90,6 °C
- Boiling point: 98,4 °C
- UN 1206

GHS information: Danger.
H225 - H315 - H336 - H304 - H400 - H410
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

25 l HE0135025A
200 l HE0135200L

Store between 15°C and 25°C

HE0120 Heptane, fraction from petroleum, extra pure



C₇H₁₆		GHS information: Danger.	Packaging Code
• M = 100,21 g/mol	• Boiling point: 93 - 99 °C	H225 - H304 - H400 - H410 - H315 - H336	1 l HE01201000
• CAS [142-82-5]	• UN 1206	P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a	2,5 l HE01202500
• Density: 0,715			5 l HE0120005L
Store between 15°C and 25°C		boiling range..... 93 - 99 °C	25 l HE0120025A
		non-volatile matter..... max. 0,001 %	
		water (K.F.)..... max. 0,02 %	

3-Heptanecarboxylic acid. See 2-Ethylhexanoic acid page 124

AC1242 1-Heptane sulfonic acid, sodium salt monohydrate, HPLC grade

Sodium 1-heptylsulfonate monohydrate		Packaging Code
C₇H₁₅NaO₃·H₂O		25 g AC12420025
• M = 220,26 g/mol	• CAS [207300-90-1]	100 g AC12420100
crystals or flakes, white		
Store between 15°C and 25°C		
	assay (acidimetric)..... min. 98 %	
	maximum absorbance of an aqueous solution (10 %) in a 1,0 cm cell at wavelength:..... absorbance:	
	210 nm..... 0,1 AU	
	220 nm..... 0,06 AU	
	230 nm..... 0,04 AU	
	260 nm..... 0,02 AU	

AC1240 1-Heptane sulfonic acid, sodium salt, solution 0,1 mol/l, HPLC grade

C₇H₁₅NaO₃S		Packaging Code
• M = 202,25 g/mol	• CAS [22767-50-6]	250 ml AC12400250
Store between 15°C and 25°C		
	factor limits..... 0,995 - 1,005	
	pH (20 °C)..... 3,4 - 3,6	
	Contains acetic acid as preservative	

Hexadecanoic acid. See Palmitic acid page 212

1-Hexadecanol. See Cetyl alcohol page 63

BR0168 Hexadecyltrimethylammonium bromide, extra pure



Cetrimonium bromide, Trimethylhexadecylammonium bromide,		Packaging Code
C₁₉H₄₂BrN		25 g BR01680025
• M = 364,46 g/mol	• Melting point: 237 - 243 °C	
• CAS [57-09-0]	• UN 3077	
Store between 5°C and 30°C		
	assay (argentometric) min. 96 %	

BR0170 Hexadecyltrimethylammonium bromide, HPLC grade



Cetrimonium bromide, Trimethylhexadecylammonium bromide,		Packaging Code
C₁₉H₄₂BrN		25 g BR01700025
• M = 364,46 g/mol	• Melting point: 237 - 243 °C	
• CAS [57-09-0]	• UN 3077	
Store between 5°C and 30°C		
	GHS information: Warning.	
	H400 - H302 - H315 - H319	
	P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a	
	assay (argentometric) min. 97 %	
	maximum absorbance of a solution in methanol (10%) in a 1,0 cm cell at wavelength:..... absorbance:	
	240 nm..... 0,04 AU	
	250 nm..... 0,03 AU	
	260 nm..... 0,02 AU	

Hexad

2,4-Hexadienoic acid. See Sorbic acid page 291

HE0200 Hexamethylenetetramine, synthesis grade



Hexamine, Methenamine, Formin, Urotropin



- M = 140,18 g/mol
- CAS [100-97-0]

• UN 1328

GHS information: Danger.

H334 - H228 - H317

P210 - P241 - P285 - P261 - P321 - P501a

Packaging Code

500 g HE02000500

1 kg HE02001000

crystals, colourless, white or almost white

assay (titr. with HClO₄)..... min. 99 %

Store between 15°C and 25°C

HE0232 n-Hexane, min. 99%, reagent grade, ACS



n-Caproylhydride, n-Hexylhydride



- M = 86,18 g/mol
- CAS [110-54-3]
- Density: 0,66

- Melting point: -94,3 °C
- Boiling point: 69 °C
- UN 1208

GHS information: Danger.

H225 - H304 - H361f - H373 - H315 - H336 - H411

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l HE02321000

2,5 l HE02322500

assay (G.C.)..... min. 99 %
non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,01 %

HE0242 n-Hexane, 99%, HPLC grade



n-Caproylhydride, n-Hexylhydride



- M = 86,18 g/mol
- CAS [110-54-3]
- Density: 0,66

- Melting point: -94,3 °C
- Boiling point: 69 °C
- UN 1208

GHS information: Danger.

H225 - H304 - H361f - H373 - H315 - H336 - H411

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l HE02421000

2,5 l HE02422500

assay (G.C.)..... min 99 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,01 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
200 nm..... 20 % 0,699 AU
210 nm..... 50 % 0,301 AU
230 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

HE0227 n-Hexane, 96%, extra pure



n-Caproylhydride, n-Hexylhydride



- M = 86,18 g/mol
- CAS [110-54-3]
- Density: 0,66

- Melting point: -94,3 °C
- Boiling point: 69 °C
- UN 1208

GHS information: Danger.

H225 - H304 - H361f - H373 - H315 - H336 - H411

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l HE02271000

2,5 l HE02272500

5 l HE0227005L

25 l HE0227025A

25 l HE0227025S

Store between 15°C and 25°C

assay (G.C.)..... min. 96 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,01 %

HE0235 n-Hexane, 96%, analytical grade, ACS, USP



n-Caproylhydride, n-Hexylhydride



- M = 86,18 g/mol
- CAS [110-54-3]
- Density: 0,66

- Melting point: -94,3 °C
- Boiling point: 69 °C
- UN 1208

GHS information: Danger.

H225 - H304 - H361f - H373 - H315 - H336 - H411

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l HE02351000

2,5 l HE02352500

5 l HE0235005L

7 l HE0235007E

25 l HE0235025A

25 l HE0235025S

Store between 15°C and 25°C

assay (G.C.)..... min. 96 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,02 %

HE0228 n-Hexane, 96%, reagent grade, ACS, Reag. Ph Eur*n-Caproylhydride, n-Hexylhydride*

- M = 86,18 g/mol
- CAS [110-54-3]
- Density: 0,66

- Melting point: -94,3 °C
- Boiling point: 69 °C
- UN 1208

Store between 15°C and 25°C

GHS information: Danger.

H225 - H304 - H361f - H373 - H315 - H336 - H411
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

assay (G.C.).....	min. 96,0 %
assay (G.C.) (isomeric mixture).....	min. 98,5 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,01 %

Packaging Code

1 l HE02281000
 2,5 l HE02282500
 5 l HE0228005L
 25 l HE0228025A
 25 l HE0228025S

HE0234 n-Hexane, 96%, Multisolvant® HPLC grade ACS UV-VIS*n-Caproylhydride, n-Hexylhydride*

- M = 86,18 g/mol
- CAS [110-54-3]
- Density: 0,66

- Melting point: -94,3 °C
- Boiling point: 69 °C
- UN 1208

Store between 15°C and 25°C

GHS information: Danger.

H225 - H304 - H361f - H373 - H315 - H336 - H411
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

assay (G.C.).....	min. 96 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,005 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
200 nm.....	10 % 1,000 AU
210 nm.....	40 % 0,398 AU
217 nm.....	70 % 0,155 AU
225 nm.....	80 % 0,097 AU
245 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l HE02341000
 2,5 l HE02342500
 4 l HE02344000
 7 l HE0234007E
 25 l HE0234025S

HE0230 n-Hexane, 96%, spectroscopy grade, Spectrosol®*n-Caproylhydride, n-Hexylhydride*

- M = 86,18 g/mol
- CAS [110-54-3]
- Density: 0,66

- Melting point: -94,3 °C
- Boiling point: 69 °C
- UN 1208

Store between 15°C and 25°C

GHS information: Danger.

H225 - H304 - H361f - H373 - H315 - H336 - H411
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,005 %
minimum transmission /max. absorbance	
wavelength:	T(%) A (AU)
200 nm.....	10 % 1,000 AU
210 nm.....	50 % 0,301 AU
217 nm.....	80 % 0,097 AU
225 nm.....	90 % 0,046 AU
245 nm.....	98 % 0,009 AU

Packaging Code

1 l HE02301000
 2,5 l HE02302500

HE0238 n-Hexane, 96%, for GC residue analysis*n-Caproylhydride, n-Hexylhydride*

- M = 86,18 g/mol
- CAS [110-54-3]
- Density: 0,66

- Melting point: -94,3 °C
- Boiling point: 69 °C
- UN 1208

Store between 15°C and 25°C

GHS information: Danger.

H225 - H304 - H361f - H373 - H315 - H336 - H411
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

assay (G.C.).....	min. 96 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,01 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	

Packaging Code

1 l HE02381000
 2,5 l HE02382500

Hexan

HE0239 n-Hexane, 96%, GC ultra-trace analysis grade



n-Caproylhydride, n-Hexylhydride

C_6H_{14}	GHS information: Danger.	Packaging Code
• M = 86,18 g/mol	H225 - H304 - H361f - H373 - H315 - H336 - H411	1 l HE02391000
• CAS [110-54-3]	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	2,5 l HE02392500
• Density: 0,66	P501a	

Store between 15°C and 25°C

assay (G.C.)..... min. 96 %
 non-volatile matter..... max. 0,0001 %
 water (K.F.)..... max. 0,01 %
 Suitable for organohalogenated
 pesticide and dioxins, furans and PCBs
 residue analysis
 Suitable for highly volatile halogenated
 hydrocarbons trace analysis
 Suitable for pesticide and polycyclic
 aromatic hydrocarbons residue analysis

HE0233 n-Hexane, 96%, anhydrous (max. 0,002 % H₂O)



n-Caproylhydride, n-Hexylhydride

C_6H_{14}	GHS information: Danger.	Packaging Code
• M = 86,18 g/mol	H225 - H304 - H361f - H373 - H315 - H336 - H411	100 ml HE02330100
• CAS [110-54-3]	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	500 ml HE02330500
• Density: 0,66	P501a	1 l HE02331000

Store between 15°C and 25°C

water (K.F.)..... max. 0,002 %

He0236 n-Hexane, 96 %, anhydrous (max. 0,003 % H₂O), with molecular sieves



n-Caproylhydride, n-Hexylhydride

C_6H_{14}	GHS information: Danger.	Packaging Code
• M = 86,18 g/mol	H225 - H304 - H361f - H373 - H315 - H336 - H411	1 l HE02361000
• CAS [110-54-3]	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	
• Density: 0,66	P501a	

Store between 15°C and 25°C

assay (G.C.)..... min. 96 %
 water (K.F.)..... max. 0,003 %

HE0219 Hexane, fraction from petroleum, synthesis grade



C_6H_{14}	GHS information: Danger.	Packaging Code
• M = 86,18 g/mol	H224 - H304 - H361 - H373 - H315 - H336 - H411	1 l HE02191000
• CAS [92112-69-1]	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	2,5 l HE02192500
• Density: 0,67	P501a	5 l HE0219005L

Store between 15°C and 25°C

boiling range..... 65 - 70 °C

HE0220 Hexane, fraction from petroleum, extra pure



C_6H_{14}	GHS information: Danger.	Packaging Code
• M = 86,18 g/mol	H224 - H304 - H361 - H373 - H315 - H336 - H411	1 l HE02201000
• CAS [92112-69-1]	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	2,5 l HE02202500
• Density: 0,67	P501a	5 l HE0220005L

Store between 15°C and 25°C

boiling range..... 65 - 70 °C
 non-volatile matter..... max. 0,001 %
 water (K.F.)..... max. 0,02 %

7 l HE0220007E
 25 l HE0220025A
 25 l HE0220025S

HE0222 Hexane, fraction from petroleum, reagent grade

C₆H₁₄		GHS information: Danger.	Packaging Code
• M = 86,18 g/mol	• Boiling point: 65 - 70 °C	H224 - H304 - H361 - H373 - H315 - H336 - H411	1 l HE02221000
• CAS [92112-69-1]	• UN 1208	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	2,5 l HE02222500
• Density: 0,67		P501a	5 l HE0222005L
Store between 15°C and 25°C		boiling range..... 65 - 70 °C	7 l HE0222007E
		non-volatile matter..... max. 0,0005 %	25 l HE0222025S
		water (K.F.)..... max. 0,01 %	

HE0221 Hexane, fraction from petroleum, Multisolvant® HPLC grade ACS

C₆H₁₄		GHS information: Danger.	Packaging Code
• M = 86,18 g/mol	• Boiling point: 65 - 70 °C	H224 - H304 - H361 - H373 - H315 - H336 - H411	1 l HE02211000
• CAS [92112-69-1]	• UN 1208	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	2,5 l HE02212500
• Density: 0,67		P501a	4 l HE02214000
Store between 15°C and 25°C		boiling range..... 65 - 70 °C	7 l HE0221007E
		non-volatile matter..... max. 0,0002 %	25 l HE0221025S
		water (K.F.)..... max. 0,01 %	
		min. transmission/max. absorbance	
		wavelength:	T(%) A (AU)
		200 nm.....	10 % 1,000 AU
		210 nm.....	30 % 0,523 AU
		230 nm.....	90 % 0,046 AU
		254 nm.....	99 % 0,004 AU
		Microfiltered through membranes	
		of pore diameter 0,22 µm	

HE0223 Hexane, fraction from petroleum, for GC residue analysis

C₆H₁₄		GHS information: Danger.	Packaging Code
• M = 86,18 g/mol	• Boiling point: 65 - 70 °C	H224 - H304 - H361 - H373 - H315 - H336 - H411	1 l HE02231000
• CAS [92112-69-1]	• UN 1208	P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	2,5 l HE02232500
• Density: 0,67		P501a	
Store between 15°C and 25°C		non-volatile matter..... max. 0,0001 %	
		water (K.F.)..... max. 0,01 %	
		Suitable for organohalogenated	
		pesticide and dioxins, furans and PCBs	
		residue analysis	

Hexanedioic acid. See Adipic acid page 14

AC1247 1-Hexane sulfonic acid, sodium salt monohydrate, HPLC grade*Sodium 1-hexylsulfonate monohydrate*

C₆H₁₃NaO₃S·H₂O		Packaging Code
• M = 206,24 g/mol	• CAS [207300-91-2]	25 g AC12470025
		100 g AC12470100
crystals or flakes, white		assay (acidimetric)..... min. 98 %
Store between 15°C and 25°C		maximum absorbance of an aqueous
		solution (10 %) in a 1,0 cm cell at
		wavelength:
		210 nm..... 0,1 AU
		220 nm..... 0,06 AU
		230 nm..... 0,04 AU
		260 nm..... 0,02 AU

AC1245 1-Hexane sulfonic acid, sodium salt, solution 0,1 mol/l, HPLC grade

C₆H₁₃NaO₃S		Packaging Code
• M = 188,22 g/mol	• CAS [2832-45-3]	250 ml AC12450250
Store between 15°C and 25°C		factor limits..... 0,995 - 1,005
		pH (20 °C)..... 3,4 - 3,6
		Contains acetic acid as preservative

Hexan

AC0680 Hexanoic acid, synthesis grade



Caproic acid



- M = 116,16 g/mol
- CAS [142-62-1]
- Density: 0,93

- Melting point: ~ -3 °C
- Boiling point: ~ 206 °C
- UN 2829

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l AC06801000
5 l AC0680005P

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %
sulfated ash..... max. 0,05 %

AC0682 Hexanoic acid, extra pure, Reag. Ph Eur



Caproic acid



- M = 116,16 g/mol
- CAS [142-62-1]
- Density: 0,93

- Melting point: ~ -3 °C
- Boiling point: ~ 206 °C
- UN 2829

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

250 ml AC06820250

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %
sulfated ash..... max. 0,01 %

AL0270 1-Hexanol, synthesis grade



n-Hexyl alcohol



- M = 102,18 g/mol
- CAS [111-27-3]
- Density: 0,82

- Melting point: -45 °C
- Boiling point: 157 °C
- UN 2282

GHS information: Warning.

H302
P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

1 l AL02701000

assay (G.C.)..... min. 98 %

n-Hexyl alcohol. See 1-Hexanol page 146

HE0250 Hexylene glycol, synthesis grade



2-Methyl-2,4-pentanediol



- M = 118,18 g/mol
- CAS [107-41-5]
- Density: 0,92

- Melting point: -40 °C
- Boiling point: 196 °C

GHS information: Warning.

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Packaging Code

1 l HE02501000

Hygroscopic

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

HFBA. See Heptafluorobutyric acid page 139

HI0395 L-Histidine, extra pure, Ph Eur, BP, USP

L-3-Imidazol-4-alanine



- M = 155,16 g/mol
- CAS [71-00-1]

- Melting point: 272 - 273 °C
(decomposes)

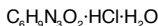
assay (acidimetric, on dried substance)
residual solvents.....

98,5 - 101 %
excluded by
process production

Packaging Code

25 g HI03950025
100 g HI03950100

Store between 5°C and 30°C

HI0405 L-Histidine hydrochloride monohydrate, extra pure, Ph Eur, BP
(S)- α -amino-1H-imidazole-4-propanoic acid


• M = 209,63 g/mol
• CAS [5834-29-2]

• Melting point: 259 °C
(decomposes)

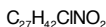
assay (argentometric, on
residual solvents (Ph Eur/ICH))..... excluded by
production process

Store between 5°C and 30°C

Packaging Code
25 g HI04050025
100 g HI04050100

HY0002 Hyamine® 1622

(Hyamine is a trademark of Rohm and Haas Company)



• M = 448,18 g/mol
• CAS [121-54-0]

• Melting point: 164 - 166 °C
• UN 3077

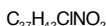
GHS information: Warning.
H302 - H315 - H319 - H411
P280 - P305+P351+P338 - P321 - P362 - P301+P312 -
P501a

Packaging Code
250 g HY00020250

Store between 15°C and 25°C

HY0001 Hyamine® 1622, solution 0,004 mol/l

(Hyamine is a trademark of Rohm and Haas Company)



• M = 448,18 g/mol
• CAS [121-54-0]

• Density: 1,0

Packaging Code
1 l HY00011000
2,5 l HY00012500

Store between 15°C and 25°C

HI0080 Hydrazine dihydrochloride, reagent grade

Hydrazinium dichloride


• M = 104,97 g/mol
• CAS [5341-61-7]

• Melting point: ~ 198 °C
(decomposes)
• UN 3288

GHS information: Danger.
H301 - H311 - H331 - H350 - H400 - H410 - H317
P261 - P301+P310 - P361 - P321 - P405 - P501a

Packaging Code
100 g HI00800100
250 g HI00800250
1 kg HI00801000

assay (iodometric)..... min. 99 %

HI0092 Hydrazine hydrate, 100%, synthesis grade

Hydrazinium hydroxide


• M = 50,06 g/mol
• CAS [7803-57-8]
• Density: 1,03

• Melting point: -51,7 °C
• Boiling point: 120,5 °C
• UN 2030

GHS information: Danger.
H301 - H311 - H330 - H350 - H314 - H400 - H410 -
H317
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P320 - P361 - P405 - P501a

Packaging Code
1 l HI00921000

Hygroscopic

Store between 15°C and 25°C

HI0090 Hydrazine hydrate, solution 80% w/w, extra pure

Hydrazinium hydroxide


• M = 50,06 g/mol
• CAS [7803-57-8]
• Density: 1,03

• Melting point: -60 °C
• Boiling point: 117 - 119 °C
• UN 2030

GHS information: Danger.
H301 - H311 - H330 - H350 - H314 - H400 - H410 -
H317
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P320 - P361 - P405 - P501a

Packaging Code
250 ml HI00900250
1 l HI00901000

Hygroscopic

Store between 15°C and 25°C

Hydra

HI0089 Hydrazine hydrate, solution 24% w/w, extra pure



Hydrazinium hydroxide



- M = 50,06 g/mol
- CAS [7803-57-8]

- Density: 1,01
- UN 3293

GHS information: Danger.
H330 - H350 - H314 - H302 - H312 - H317 - H411
P303+P361+P353 - P305+P351+P338 - P310 - P320 -
P405 - P501a

Packaging Code
1 l HI00891000

Hygroscopic

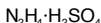
Store between 15°C and 25°C

assay (iodometric) 23 - 25 %

HI0110 Hydrazine sulfate, reagent grade, ACS



Hydrazinium sulfate, Hydrazonium sulfate



- M = 130,12 g/mol
- CAS [10034-93-2]

- Melting point: 254 °C (decomposes)
- UN 3288

GHS information: Danger.
H311 - H330 - H350 - H400 - H410 - H302 - H317
P260 - P310 - P320 - P361 - P405 - P501a

Packaging Code
100 g HI01100100
500 g HI01100500
1 kg HI01101000

crystalline powder, white

assay (iodometric) min. 99 %

AC3350 Hydriodic acid, 57%, reagent grade



Hydrogen iodide solution



- M = 127,91 g/mol
- CAS [10034-85-2]
- Density: 1,70

- Boiling point: ~ 127 °C
- UN 1787

GHS information: Danger.
H314 - H335 - H336
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l AC33501000

assay (acidimetric) min. 57,0 %

AC0595 Hydrobromic acid, approx. 48%, synthesis grade



- M = 80,92 g/mol
- CAS [10035-10-6]
- Density: 1,49

- Melting point: ~ -11 °C
- Boiling point: ~ 126 °C
- UN 1788

GHS information: Danger.
H314 - H335
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l AC05951000
2,5 l AC05952500
5 l AC0595005P

Store above 0°C

assay (acidimetric) approx. 48 %

AC0596 Hydrobromic acid, 48%, reagent grade, ACS, ISO



- M = 80,92 g/mol
- CAS [10035-10-6]
- Density: 1,49

- Melting point: ~ -11 °C
- Boiling point: ~ 126 °C
- UN 1788

GHS information: Danger.
H314 - H335
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l AC05961000

Store above 0°C

assay (acidimetric) 47 - 49 %

AC0736 Hydrochloric acid, 37%, extra pure, Ph Eur, BP, NF



Hydrochloric acid fuming, Muriatic acid, Hydrogen chloride solution



- M = 36,46 g/mol
- CAS [7647-01-0]
- Density: ~ 1,19

- Melting point: -28 °C
- Boiling point: ~ 50 °C
- UN 1789

GHS information: Danger.
H314 - H335 - H336
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l AC07361000
2,5 l AC07362500
5 l AC0736005P
25 l AC0736025P

Store below 25°C

assay (acidimetric) 35 - 39 %
calcination residue (as SO₄) max. 0,003 %
non volatile matter max. 0,005 %
residual solvents (Ph Eur/ICH) excluded by
production process

AC0741 Hydrochloric acid, 37%, reagent grade, ACS, ISO*Hydrochloric acid fuming, Muriatic acid, Hydrogen chloride solution***HCl**

- M = 36,46 g/mol
- CAS [7647-01-0]
- Density: ~ 1,19

- Melting point: -28 °C
- Boiling point: ~ 50 °C
- UN 1789

GHS information: Danger.

H314 - H335 - H336

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Store below 25°C

assay (acidimetric)..... 36,5 - 38,0 %

Packaging Code

1 l AC07411000

1 l AC07411001

2,5 l AC07412500

2,5 l AC07412501

5 l AC0741005P

25 l AC0741025P

AC0730 Hydrochloric acid, 37%, reagent grade, ACS, ISO, max. 0,0000005% Hg*Hydrochloric acid fuming, Muriatic acid, Hydrogen chloride solution***HCl**

- M = 36,46 g/mol
- CAS [7647-01-0]
- Density: ~ 1,19

- Melting point: -28 °C
- Boiling point: ~ 50 °C
- UN 1789

GHS information: Danger.

H314 - H335 - H336

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Store below 25°C

assay (acidimetric)..... 36,5 - 38,0 %
colour (Hazen)..... max. 10**Packaging Code**

1 l AC07301000

AC0761 Hydrochloric acid, 37%, ppb-trace analysis grade*Hydrochloric acid fuming, Muriatic acid, Hydrogen chloride solution***HCl**

- M = 36,46 g/mol
- CAS [7647-01-0]
- Density: ~ 1,19

- Melting point: -28 °C
- Boiling point: ~ 50 °C
- UN 1789

GHS information: Danger.

H314 - H335 - H336

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Store below 25°C

assay (acidimetric)..... min. 34 %

Packaging Code

1 l AC07611000

AC0737 Hydrochloric acid, solution 35% w/w, synthesis grade*Hydrogen chloride solution, Muriatic acid***HCl**

- M = 36,46 g/mol
- CAS [7647-01-0]
- Density: ~ 1,19

- Melting point: -28 °C
- Boiling point: ~ 50 °C
- UN 1789

GHS information: Danger.

H314 - H335 - H336

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Store below 25°C

assay (acidimetric)..... min. 35 %

Packaging Code

1 l AC07371000

2,5 l AC07372500

5 l AC0737005P

25 l AC0737025P

AC0756 Hydrochloric acid, solution min. 35% w/w, extra pure, Ph Eur*Hydrogen chloride solution, Muriatic acid***HCl**

- M = 36,46 g/mol
- CAS [7647-01-0]
- Density: ~ 1,19

- Melting point: -28 °C
- Boiling point: ~ 50 °C
- UN 1789

GHS information: Danger.

H314 - H335 - H336

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Store below 25°C

assay (acidimetric)..... 35 - 39 %
residual solvents (Ph Eur/ICH)..... excluded by
production process**Packaging Code**

1 l AC07561000

2,5 l AC07562500

5 l AC0756005P

AC0739 Hydrochloric acid, solution 32% w/w, reagent grade, ISO*Hydrogen chloride solution***HCl**

- M = 36,46 g/mol
- CAS [7647-01-0]
- Density: 1,15

- Melting point: -40 °C
- Boiling point: 84 °C
- UN 1789

GHS information: Danger.

H314 - H335 - H336

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Store below 25°C

assay (acidimetric)..... min. 32 %

Packaging Code

1 l AC07391000

2,5 l AC07392500

5 l AC0739005P

25 l AC0739025P

Hydro

AC0767 Hydrochloric acid, solution 25% w/w, reagent grade, ISO



Hydrogen chloride solution

HCl

• M = 36,46 g/mol
• CAS [7647-01-0]
• Density: ~ 1,12

• Melting point: ~ -70 °C
• Boiling point: 107 °C
• UN 1789

GHS information: Danger.

H314 - H335 - H336
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l AC07671000
2,5 l AC07672500
5 l AC0767005P
25 l AC0767025P

Store below 25°C

assay (acidimetric)..... min. 25 %

AC0760 Hydrochloric acid-water, solution 50:50 v/v, reagent grade



Hydrogen chloride - water solution

HCl

• M = 36,46 g/mol
• CAS [7647-01-0]

• Density: 1,10
• UN 1789

GHS information: Warning.

H315 - H319 - H335 - H336
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code

1 l AC07601000

Store between 15°C and 25°C

AC0752 Hydrochloric acid, solution 6 mol/l (6 N)



HCl

• M = 36,46 g/mol
• CAS [7647-01-0]

• Density: 1,098
• UN 1789

GHS information: Warning.

H315 - H319 - H335 - H336
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code

1 l AC07521000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC0749 Hydrochloric acid, solution 5 mol/l (5 N)



HCl

• M = 36,46 g/mol
• CAS [7647-01-0]

• Density: 1,08
• UN 1789

GHS information: Warning.

H315 - H319 - H335 - H336
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code

1 l AC07491000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC0738 Hydrochloric acid, solution 3 mol/l (3 N)



HCl

• M = 36,46 g/mol
• CAS [7647-01-0]

• Density: ~ 1,06
• UN 1789

GHS information: Warning.

H315 - H319 - H335 - H336
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code

1 l AC07381000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC0748 Hydrochloric acid, solution 2 mol/l (2 N)



HCl

• M = 36,46 g/mol
• CAS [7647-01-0]

• Density: ~ 1,03

GHS information: EUH210

Packaging Code

1 l AC07481000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC0751 Hydrochloric acid, solution 1,4 mol/l (1,4 N)

HCl

• M = 36,46 g/mol
• CAS [7647-01-0]

• Density: 1,02

GHS information: EUH210

Packaging Code

1 l AC07511000
5 l AC0751005P
10 l AC0751010C

Store between 15°C and 25°C

Traceable to SRM from NIST

AC0744 Hydrochloric acid, solution 1 mol/l (1 N)

HCl

GHS information: EUH210

Packaging Code

• M = 36,46 g/mol
• CAS [7647-01-0]
• Density: 1,01

1 l  AC07441000
5 l  AC0744005P
10 l  AC0744010C

Store between 15°C and 25°C
Traceable to SRM from NIST

AC0745 Hydrochloric acid, solution 0,5 mol/l (0,5 N)

HCl

GHS information: EUH210

Packaging Code

• M = 36,46 g/mol
• CAS [7647-01-0]
• Density: 1,01

1 l  AC07451000
5 l  AC0745005P
10 l  AC0745010C

Store between 15°C and 25°C
Traceable to SRM from NIST

AC0769 Hydrochloric acid, solution 0,31mol/l (0,31 N)

HCl

GHS information: EUH210

Packaging Code

• M = 36,46 g/mol
• CAS [7647-01-0]
• Density: 1,01

1 l  AC07691000
5 l  AC0769005P

Store between 15°C and 25°C
Traceable to SRM from NIST

AC0755 Hydrochloric acid, solution 0,25 mol/l (0,25 N)

HCl

Packaging Code

• M = 36,46 g/mol
• CAS [7647-01-0]
• Density: 1,00

1 l  AC07551000
5 l  AC0755005P
10 l  AC0755010C

Store between 15°C and 25°C
Traceable to SRM from NIST

AC0740 Hydrochloric acid, solution 0,2 mol/l (0,2 N)

HCl

Packaging Code

• M = 36,46 g/mol
• CAS [7647-01-0]
• Density: ~ 1,01

1 l  AC07401000

Store between 15°C and 25°C
Traceable to SRM from NIST

AC0753 Hydrochloric acid, solution 0,125 mol/l (0,125 N)

HCl

Packaging Code

• M = 36,46 g/mol
• CAS [7647-01-0]
• Density: 0,99

1 l  AC07531000
5 l  AC0753005P
10 l  AC0753010C

Store between 15°C and 25°C
Traceable to SRM from NIST

AC0746 Hydrochloric acid, solution 0,1 mol/l (0,1 N)

HCl

Packaging Code

• M = 36,46 g/mol
• CAS [7647-01-0]
• Density: 1,00

1 l  AC07461000
5 l  AC0746005P
10 l  AC0746010C

Store between 15°C and 25°C
Traceable to SRM from NIST

Hydro

AC0754 Hydrochloric acid, solution 0,05 mol/l (0,05 N)

HCl			Packaging	Code
• M = 36,46 g/mol	• Density: 0,996		1 l	AC07541000
• CAS [7647-01-0]				
Store between 15°C and 25°C				
Traceable to SRM from NIST				

AC0757 Hydrochloric acid, solution 0,01 mol/l (0,01 N)

HCl			Packaging	Code
• M = 36,46 g/mol	• Density: 0,994		1 l	AC07571000
• CAS [7647-01-0]				
Store between 15°C and 25°C				
Traceable to SRM from NIST				

AC0743 Hydrochloric acid, concentrated solution to prepare 1 l of solution 1 mol/l (1 N)



HCl		GHS information: Danger. H314 - H335 - H336 P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	Packaging	Code
• M = 36,46 g/mol	• Density: ~ 1,09		u.	AC074300PA
• CAS [7647-01-0]	• UN 1789			
Store between 15°C and 25°C				

AC0759 Hydrochloric acid, concentrated solution to prepare 1 l of solution 0,5 mol/l (0,5 N)



HCl		GHS information: Warning. H315 - H319 - H335 - H336 P261 - P280 - P305+P351+P338 - P321 - P405 - P501a	Packaging	Code
• M = 36,46 g/mol	• Density: 1,08		u.	AC075900PA
• CAS [7647-01-0]	• UN 1789			
Store between 15°C and 25°C				

AC0742 Hydrochloric acid, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,1 N)

HCl		GHS information: EUH210	Packaging	Code
• M = 36,46 g/mol	• Density: ~ 1,03		u.	AC074200PA
• CAS [7647-01-0]				
Store between 15°C and 25°C				

Hydrochloric acid fuming. See Hydrochloric acid, 37% page 148

AC1059 Hydrofluoric acid, solution 48% w/w, extra pure



HF		GHS information: Danger. H300 - H310 - H330 - H314 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a	Packaging	Code
• M = 20,00 g/mol	• Melting point: ~ -35 °C		1 l	AC10591000
• CAS [7664-39-3]	• Boiling point: ~ 106 °C		2,5 l	AC10592500
• Density: 1,16	• UN 1790			

AC1060 Hydrofluoric acid, solution 48% w/w, reagent grade, ACS, ISO



HF		GHS information: Danger. H300 - H310 - H330 - H314 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a	Packaging	Code
• M = 20,00 g/mol	• Melting point: ~ -35 °C		1 l	AC10601000
• CAS [7664-39-3]	• Boiling point: ~ 106 °C		2,5 l	AC10602500
• Density: 1,16	• UN 1790		5 l	AC1060005P
		assay (acidimetric)..... 48,0 - 51,0 %	25 l	AC1060025P

AC1051 Hydrofluoric acid, solution 40% w/w, reagent grade, ISO**HF**

- M = 20,01 g/mol
- CAS [7664-39-3]
- Density: 1,13

- Melting point: ~ -44 °C
- Boiling point: ~ 112 °C
- UN 1790

GHS information: Danger.

H300 - H310 - H330 - H314
 P301+P310 - P303+P361+P353 - P305+P351+P338 -
 P310 - P320 - P361 - P405 - P501a

Packaging Code

1 I (P) AC10511000
 2,5 I (P) AC10512500
 5 I (P) AC1051005P

assay (acidimetric)..... min. 40 %

HI0139 Hydrogen peroxide, solution 50% w/w (200 vol), extra pure*Hydrogen dioxide, Hydroperoxide***H₂O₂**

- M = 34,01 g/mol
- CAS [7722-84-1]
- Density: 1,20

- Melting point: ~ 52 °C
- Boiling point: 114 °C
- UN 2014

GHS information: Danger.

H272 - H314 - H302 - H332 - H335 - H336
 P221 - P303+P361+P353 - P305+P351+P338 - P310 -
 P405 - P501a

Packaging Code

1 I (P) HI01391000
 2,5 I (P) HI01392500

Store below 25°C

HI0137 Hydrogen peroxide, solution 35% w/w (133 vol), extra pure*Hydrogen dioxide, Hydroperoxide***H₂O₂**

- M = 34,01 g/mol
- CAS [7722-84-1]
- Density: 1,13

- Melting point: ~ -24 °C
- Boiling point: ~ 110 °C
- UN 2014

GHS information: Danger.

H272 - H318 - H302 - H335 - H336 - H315
 P221 - P210 - P305+P351+P338 - P310 - P405 -
 P501a

Packaging Code

1 I (P) HI01371000
 5 I (P) HI0137005P
 25 I (P) HI0137025P

Store below 25°C

HI0138 Hydrogen peroxide, solution 35% w/w (133 vol), reagent grade*Hydrogen dioxide, Hydroperoxide***H₂O₂**

- M = 34,01 g/mol
- CAS [7722-84-1]
- Density: 1,13

- Melting point: ~ -24 °C
- Boiling point: ~ 110 °C
- UN 2014

GHS information: Danger.

H272 - H318 - H302 - H335 - H336 - H315
 P221 - P210 - P305+P351+P338 - P310 - P405 -
 P501a

Packaging Code

1 I (P) HI01381000

Store below 25°C

assay (permanganometric)..... min. 34,5 %

HI0135 Hydrogen peroxide, solution 30% w/w (110 vol), extra pure*Hydrogen dioxide, Hydroperoxide***H₂O₂**

- M = 34,01 g/mol
- CAS [7722-84-1]
- Density: 1,11

- Melting point: -26 °C
- Boiling point: 107 °C
- UN 2014

GHS information: Danger.

H272 - H318 - H302
 P221 - P210 - P220 - P305+P351+P338 - P310 -
 P501a

Packaging Code

1 I (P) HI01351000
 5 I (P) HI0135005P

Store below 25°C

HI0136 Hydrogen peroxide, solution 30% w/w (110 vol), reagent grade, ACS, ISO*Hydrogen dioxide, Hydroperoxide***H₂O₂**

- M = 34,01 g/mol
- CAS [7722-84-1]
- Density: 1,11

- Melting point: -26 °C
- Boiling point: 107 °C
- UN 2014

GHS information: Danger.

H272 - H318 - H302
 P221 - P210 - P220 - P305+P351+P338 - P310 -
 P501a

Packaging Code

1 I (P) HI01361000
 5 I (P) HI0136005P

Store below 25°C

assay (permanganometric)..... 30,0 - 32,0 %

Hydro

HI0132 Hydrogen peroxide, solution 6% w/v (20 vol), extra pure



Hydrogen dioxide, Hydroperoxide



• M = 34,01 g/mol
• CAS [7722-84-1]

• Density: 1,016

GHS information: Danger.

H272 - H319

P221 - P210 - P220 - P280 - P305+P351+P338 - P501a

Packaging Code

1 l HI01321000

5 l HI0132005P

25 l HI0132025P

Store below 25°C

HI0130 Hydrogen peroxide, solution 0,9% w/v (3 vol), for determination of sulfurous gas (SO₂) according to Paul

Hydrogen dioxide, Hydroperoxide



• M = 34,01 g/mol
• CAS [7722-84-1]

• Density: 1,00

Packaging Code

250 ml HI01300250

HI0145 Hydroquinone, synthesis grade



1,4-Dihydroxybenzene, p-Dihydroxybenzene, Quinol



• M = 110,11 g/mol
• CAS [123-31-9]
• Melting point: ~ 172 °C

• Boiling point: 287 °C
• UN 3077

GHS information: Danger.

H318 - H341 - H351 - H400 - H302 - H317

P261 - P305+P351+P338 - P310 - P321 - P405 - P501a

Packaging Code

100 g HI01450100

500 g HI01450500

Store between 15°C and 25°C

assay min. 99 %

2-Hydroxybenzoic acid. See Salicylic acid page 256

Hydroxyethyl mercaptan. See 2-Mercaptoethanol page 180

4-(2-Hydroxyethyl)-1-piperazineethanesulfonic acid. See HEPES free acid page 138

N-(2-Hydroxyethyl)-piperazine-N'-(2-ethanesulfonic acid) sodium salt. See HEPES, sodium salt page 139

HI0212 Hydroxylamine hydrochloride, synthesis grade



Hydroxylammonium chloride



• M = 69,49 g/mol
• CAS [5470-11-1]

• Melting point: 159 °C
• UN 3260

GHS information: Warning.

H373 - H290 - H400 - H302 - H317 - H315 - H319

P260 - P261 - P280 - P305+P351+P338 - P321 - P501a

Packaging Code

250 g HI02120250

1 kg HI02121000

lightly humid crystals, white

assay (argentometric)..... min. 98 %

HI0215 Hydroxylamine hydrochloride, reagent grade, ACS, ISO



Hydroxylammonium chloride



• M = 69,49 g/mol
• CAS [5470-11-1]

• Melting point: 159 °C
• UN 3260

GHS information: Warning.

H373 - H290 - H400 - H302 - H317 - H315 - H319

P260 - P261 - P280 - P305+P351+P338 - P321 - P501a

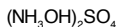
Packaging Code

250 g HI02150250

1 kg HI02151000

lightly humid crystals, white

assay (permanganometric)..... min. 99,5 %

HI0225 Hydroxylammonium sulfate, synthesis grade*Hydroxylamine sulfate*

- M = 164,14 g/mol
- CAS [10039-54-0]

- Melting point: 170 °C (decomposes)
- UN 2865

GHS information: Warning.

H373 - H290 - H400 - H302 - H317 - H315 - H319
 P260 - P261 - P280 - P305+P351+P338 - P321 - P501a

Packaging Code

250 g HI02250250

1 kg HI02251000

assay (permanganometric)..... min. 99 %

*4-Hydroxy-3-methoxybenzaldehyde. See Vanillin page 341***AL0225 4-Hydroxy-4-methyl-2-pentanone, synthesis grade***Diacetone alcohol, 2-Methyl-2-pentanol-4-one*

- M = 116,16 g/mol
- CAS [123-42-2]
- Density: 0,94

- Melting point: -47 °C
- Boiling point: 166 °C
- UN 1148

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

1 l AL02251000

2,5 l AL02252500

5 l AL0225005P

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

HI0235 4-Hydroxy-L-proline, extra pure*L(-)-4-Hydroxypyrrolidine-2-carboxylic acid*

- M = 131,13 g/mol
- CAS [51-35-4]

- Melting point: 274 °C

Packaging Code

5 g HI02350005

25 g HI02350025

assay (titr. with HClO4)..... min. 99 %

crystals, bright white

Store between 5°C and 30°C

*2-Hydroxypropanoic acid. See L(+)-Lactic acid page 168***HI0257 8-Hydroxyquinoline, synthesis grade***Oxine, 8-Quinololinol, Hydroxybenzopyridine*

- M = 145,16 g/mol
- CAS [148-24-3]

- Melting point: 73,8 °C
- Boiling point: 267 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

250 g HI02570250

crystals, yellow-brownish

Store between 15°C and 25°C

assay (G.C.) min. 99 %

*DL-Hydroxysuccinic acid. See DL-Malic acid page 178**2-Hydroxytoluene. See o-Cresol page 78**3-Hydroxytoluene. See m-Cresol page 78**4-Hydroxytoluene. See p-Cresol page 79*

Imida

IM0025 Imidazole, synthesis grade



1,3-Diazole, Glyoxaline, Iminazole



- M = 68,08 g/mol
- CAS [288-32-4]
- Melting point: 90 - 91 °C

- Boiling point: 256 °C
- UN 3263

GHS information: Danger.

H314 - H302
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

250 g IM00250250
1 kg IM00251000

flakes, bright white, up to 1cm

assay (titr. with HClO4)..... min. 99 %

Store between 15°C and 25°C

IM0026 Imidazole, reagent grade, ACS



1,3-Diazole, Glyoxaline, Iminazole



- M = 68,08 g/mol
- CAS [288-32-4]
- Melting point: 90 - 91 °C

- Boiling point: 256 °C
- UN 3263

GHS information: Danger.

H314 - H302
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

250 g IM00260250
1 kg IM00261000

flakes, bright white, up to 1cm

assay (titr. with HClO4)..... min. 99,5 %

Store between 15°C and 25°C

AC0031 Immersion oil, for microscopy

- Density: 0,92
- Melting point: < 0 °C

- Boiling point: 340 °C

Packaging Code

100 ml AC00310100
500 ml AC00310500

Store between 15°C and 25°C

IN0030 Indene, synthesis grade

Indonaphthene



- M = 116,16 g/mol
- CAS [95-13-6]
- Density: 0,99

- Melting point: -2 °C
- Boiling point: 181 - 183 °C
- UN 1993

Packaging Code

250 ml IN00300250
1 l IN00301000

assay (G.C.)..... min. 90 %

IN0065 Indigo carmine, C.I. 73015, extra pure, Reag. Ph Eur



Indigo-5,5'-disulfonic acid disodium salt, Acid Blue 74



- M = 466,35 g/mol

- CAS [860-22-0]

GHS information: Warning.

H302
P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

10 g IN00650010
25 g IN00650025
100 g IN00650100

Store between 5°C and 30°C

IN0095 Indium(III) chloride, synthesis grade



Indium trichloride



- M = 221,19 g/mol
- CAS [10025-82-8]

- Melting point: 586 °C
- UN 3260

GHS information: Danger.

H301 - H311 - H330 - H314
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P320 - P361 - P405 - P501a

Packaging Code

10 g IN00950010
100 g IN00950100

Hygroscopic

Store between 15°C and 25°C

assay min. 98 %

IN0105 Indium(III) sulfate, extra pure



- M = 517,82 g/mol

- CAS [13464-82-9]

Packaging Code

10 g IN01050010
100 g IN01050100

assay (acidimetric)..... min. 98 %

IN0120 Indole, reagent grade**2,3-Benzopyrrole, 1H-Benzo[b]pyrrole**

- M = 117,15 g/mol
- CAS [120-72-9]

- Melting point: 52,5 °C
- Boiling point: 254 °C

GHS information: Danger.

H311 - H302

P280 - P361 - P322 - P301+P312 - P405 - P501a

Packaging Code

10 g IN01200010

100 g IN01200100

Store between 15°C and 25°C

assay (G.C.) min. 99 %

*Infusorial earth. See Siliceous earth page 258***YO0020 Iodine, resublimed, extra pure, Ph Eur, BP, USP**

- M = 253,81 g/mol
- CAS [7553-56-2]
- Melting point: 114 °C

- Boiling point: 185 °C
- UN 3288

GHS information: Warning.

H400 - H312 - H332

P261 - P280 - P322 - P304+P340 - P312 - P501a

Packaging Code

100 g YO00200100

250 g YO00200250

1 kg YO00201000

bright flakes, dark brown or grey, up to 0,5cm

 assay (iodometric)..... 99,5 - 100,5 %
 residual solvents (Ph Eur/ICH)..... excluded by
 production process
YO0019 Iodine, pearls, resublimed, extra pure, Ph Eur, BP, USP

- M = 253,81 g/mol
- CAS [7553-56-2]
- Melting point: 114 °C

- Boiling point: 185 °C
- UN 3288

GHS information: Warning.

H400 - H312 - H332

P261 - P280 - P322 - P304+P340 - P312 - P501a

Packaging Code

100 g YO00190100

1 kg YO00191000

bright pearls, dark grey

 assay (iodometric)..... 99,5 - 100,5 %
 residual solvents (Ph Eur/ICH)..... excluded by
 production process
YO0021 Iodine, resublimed, reagent grade, ACS, ISO, Reag. Ph Eur

- M = 253,81 g/mol
- CAS [7553-56-2]
- Melting point: 114 °C

- Boiling point: 185 °C
- UN 3288

GHS information: Warning.

H400 - H312 - H332

P261 - P280 - P322 - P304+P340 - P312 - P501a

Packaging Code

100 g YO00210100

250 g YO00210250

1 kg YO00211000

bright flakes, dark brown or grey, up to 0,5cm

assay (iodometric)..... min. 99,8 %

*Iodine monochloride solution. See Wijs solution page 344***YO0024 Iodine, solution 0,5 mol/l (1 N)**

- M = 253,81 g/mol
- CAS [7553-56-2]

- Density: 1,27

GHS information: EUH210

Packaging Code

1 l YO00241000

Store between 15°C and 25°C

Traceable to SRM from NIST

YO0023 Iodine, solution 0,05 mol/l (0,1 N)

- M = 253,81 g/mol
- CAS [7553-56-2]

- Density: 1,02

GHS information: EUH210

Packaging Code

1 l YO00231000

2,5 l YO00232500

Store between 15°C and 25°C

Traceable to SRM from NIST

Iodin

YO0027 Iodine, solution 0,02365 mol/l (0,0473 N)

I₂

• M = 253,81 g/mol

• CAS [7553-56-2]

Packaging

Code

1 l

YO00271000

Store between 15°C and 25°C

Traceable to SRM from NIST

YO0025 Iodine, solution 0,01 mol/l (0,02 N)

I₂

• M = 253,81 g/mol

• Density: 1,005

• CAS [7553-56-2]

Packaging

Code

500 ml

YO00250500

1 l

YO00251000

Store between 15°C and 25°C

Traceable to SRM from NIST

YO0022 Iodine, concentrated solution to prepare 1 l of solution 0,05 mol/l (0,1 N)

I₂

• M = 253,81 g/mol

• Density: 1,38

• CAS [7553-56-2]

GHS information: EUH210

Packaging

Code

u.

YO002200GA

Store between 15°C and 25°C

IP0010 IPTG, molecular biology grade (dioxane free)

Isopropyl-β-D-thiogalactopyranoside

C₉H₁₈O₅S

• M = 238,29 g/mol

• Melting point: 109 -111 °C

• CAS [367-93-1]

GHS information: Warning.

H302 - H312 - H332

P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

Packaging

Code

1 g

IP00100001

Hygroscopic

Store between 2°C and 8°C

assay (HPLC) min. 99 %

dioxane (G.C.) max. 0,02 %

HI0303 Iron, powder, extra pure (made by reduction), particle size < 100 μm

Fe

• M = 55,85 g/mol

• Boiling point: ~ 3000 °C

• CAS [7439-89-6]

• Melting point: 1535 °C

GHS information: Warning.

H228

P370+P378

Packaging

Code

250 g

HI03030250

500 g

HI03030500

1 kg

HI03031000

powder, grey

assay (cerimetric)..... min. 99 %

HI0304 Iron, powder, extra pure (made by reduction), particle size < 150 μm

Fe

• M = 55,85 g/mol

• Boiling point: ~ 3000 °C

• CAS [7439-89-6]

• Melting point: 1535 °C

GHS information: Warning.

H228

P370+P378

Packaging

Code

250 g

HI03040250

1 kg

HI03041000

powder, grey

assay (cerimetric)..... min. 99 %

HI0320 Iron, turnings, synthesis grade

Fe

• M = 55,85 g/mol

• Melting point: 1535 °C

• CAS [7439-89-6]

• Boiling point: ~ 3000 °C

Packaging

Code

250 g

HI03200250

1 kg

HI03201000

turnings, greyish

assay (cerimetric)..... min. 99 %

Iron alum. See Ammonium iron(III) sulfate dodecahydrate page 25

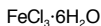
Iron(II) ammonium sulfate. See Ammonium iron(II) sulfate hexahydrate page 26

Iron (III) ammonium sulfate. See Ammonium iron(III) sulfate dodecahydrate page 25

HI0336 Iron(III) chloride hexahydrate, extra pure, Ph Eur



Ferric chloride hexahydrate



- M = 270,32 g/mol
- CAS [10025-77-1]

- Melting point: 37 °C

granules, yellow, up to 1cm

Store between 15°C and 25°C

GHS information: Danger.

H318 - H302 - H315

P280 - P305+P351+P338 - P310 - P321 - P362 -

P501a

assay (iodometric).....

residual solvents (Ph Eur/ICH).....

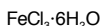
98 - 102 %
excluded by
production process

Packaging Code

500 g HI03360500

1 kg HI03361000

HI0333 Iron(III) chloride, 30%, aqueous solution, synthesis grade



- M = 270,32 g/mol
- CAS [7705-08-0]

- Density: 1,3
- UN 2582

Store between 15°C and 25°C

GHS information: Danger.

H318 - H315

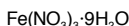
P280 - P305+P351+P338 - P310 - P321 - P362 -

P332+P313

Packaging Code

1 l HI03331000

HI0340 Iron(III) nitrate nonahydrate, extra pure, Reag. Ph Eur



- M = 404,02 g/mol
- CAS [7782-61-8]

- Melting point: 47 °C (decomposes)
- UN 1466

crystals, light humid purple

GHS information: Danger.

H272 - H315 - H319

P221 - P210 - P220 - P305+P351+P338 - P321 -

P501a

assay (iodometric) min. 99 %

Packaging Code

500 g HI03400500

1 kg HI03401000

5 kg HI0340005P

25 kg HI0340025P

HI0341 Iron(III) oxide, synthesis grade



- M = 159,70 g/mol
- CAS [1309-37-1]

- Melting point: 1562 °C
(decomposes)

assay (iodometric) min. 96 %

Packaging Code

500 g HI03410500

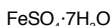
1 kg HI03411000

5 kg HI0341005P

HI0350 Iron(II) sulfate heptahydrate, extra pure, Ph Eur, BP, USP



Iron vitriol



- M = 278,02 g/mol
- CAS [7782-63-0]

- Melting point: > 60 °C (release of crystalline water)

crystals, turkish blue

GHS information: Warning.

H302 - H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P301+P312 -

P501a

assay (cerimetric).....

residual solvents (Ph Eur/ICH).....

98 - 105 %
excluded by
production process

Packaging Code

500 g HI03500500

1 kg HI03501000

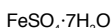
5 kg HI0350005P

25 kg HI0350025P

HI0351 Iron(II) sulfate heptahydrate, reagent grade, ACS, ISO, Reag. Ph Eur



Iron vitriol



- M = 278,02 g/mol
- CAS [7782-63-0]

- Melting point: > 60 °C (release of crystalline water)

crystals, turkish blue

GHS information: Warning.

H302 - H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P301+P312 -

P501a

assay (permanganometric)..... min. 99,5 %

Packaging Code

500 g HI03510500

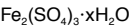
1 kg HI03511000

5 kg HI0351005P

25 kg HI0351025P

Iron

HI0352 Iron(III) sulfate hydrate, reagent grade



• M = 399,87 g/mol • CAS [15244-10-7]

powder, light yellow

Store between 15°C and 25°C

assay (iodometric) (as $\text{Fe}_2(\text{SO}_4)_3$)..... min. 75 %

Packaging	Code
500 g	HI03520500
1 kg	HI03521000
5 kg	HI0352005P
25 kg	HI0352025P

HI0360 Iron(II) sulfide, for producing hydrogen sulfide



• M = 87,92 g/mol • Melting point: ~ 1195 °C
• CAS [1317-37-9]

Packaging	Code
250 g	HI03600250
500 g	HI03600500
1 kg	HI03601000

IS0025 Isatin, synthesis grade



2,3-Indolinedione, 2,3-Dihydroindole-2,3-dione



• M = 147,13 g/mol • CAS [91-56-5]

Store between 15°C and 25°C

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

Packaging	Code
250 g	IS00250250

assay (HPLC) min. 98 %

IS0028 Isatin, reagent grade, Reag. Ph Eur



2,3-Indolinedione, 2,3-Dihydroindole-2,3-dione



• M = 147,13 g/mol • CAS [91-56-5]

Store between 15°C and 25°C

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

Packaging	Code
25 g	IS00280025
100 g	IS00280100

assay (HPLC) min. 99 %

AC0157 Isoamyl acetate, extra pure



Acetic acid isoamyl ester, 3-Methylbutyl acetate



• M = 130,19 g/mol • Melting point: -78 °C
• CAS [123-92-2] • Boiling point: 141 °C
• Density: 0,87 • UN 1104

GHS information: Warning.
H226 - EUH066
P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging	Code
1 l	AC01571000
2,5 l	AC01572500

assay (G.C.) min. 99 %

AL0285 Isoamyl alcohol, mixture of isomers, extra pure



3-Methyl-1-butanol, Isopentyl alcohol



• M = 88,15 g/mol • Melting point: -117 °C
• CAS [123-51-3] • Boiling point: 131 °C
• Density: 0,81 • UN 1105

GHS information: Warning.
H226 - H302
P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging	Code
1 l	AL02851000
2,5 l	AL02852500
5 l	AL0285005P

assay (total content of $\text{C}_5\text{H}_{12}\text{O}$, G.C.)... min. 99 %

ME0376 Isoamyl alcohol, reagent grade, ACS



3-Methyl-1-butanol, Isopentyl alcohol



• M = 88,15 g/mol • Melting point: -117 °C
• CAS [123-51-3] • Boiling point: 131 °C
• Density: 0,81 • UN 1105

GHS information: Warning.
H226 - H302
P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging	Code
1 l	ME03761000
2,5 l	ME03762500
5 l	ME0376005P

assay (G.C.) min. 98,5 %

AL0293 Isobutanol, synthesis grade*2-Methyl-1-propanol, Isobutyl alcohol, Isopropylcarbinol, iso-Butanol*

- M = 74,12 g/mol
- CAS [78-83-1]
- Density: 0,8

- Melting point: -108 °C
- Boiling point: 108 °C
- UN 1212

GHS information: Danger.

H318 - H226 - H335 - H336 - H315

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AL02931000

2,5 l AL02932500

5 l AL0293005P

25 l AL0293025P

assay (G.C.)..... min. 99 %

AL0294 Isobutanol, analytical grade, ACS*2-Methyl-1-propanol, Isobutyl alcohol, Isopropylcarbinol, iso-Butanol*

- M = 74,12 g/mol
- CAS [78-83-1]
- Density: 0,8

- Melting point: -108 °C
- Boiling point: 108 °C
- UN 1212

GHS information: Danger.

H318 - H226 - H335 - H336 - H315

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AL02941000

2,5 l AL02942500

5 l AL0294005P

7 l AL0294007E

25 l AL0294025P

25 l AL0294025S

assay (G.C.)..... min. 99,5 %

non-volatile matter..... max. 0,001 %

water (K.F.)..... max. 0,1 %

AL0295 Isobutanol, reagent grade, ACS*2-Methyl-1-propanol, Isobutyl alcohol, Isopropylcarbinol, iso-Butanol*

- M = 74,12 g/mol
- CAS [78-83-1]
- Density: 0,8

- Melting point: -108 °C
- Boiling point: 108 °C
- UN 1212

GHS information: Danger.

H318 - H226 - H335 - H336 - H315

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AL02951000

2,5 l AL02952500

5 l AL0295005P

25 l AL0295025A

assay (G.C.)..... min. 99,5 %

non-volatile matter max. 0,001 %

water (K.F.)..... max. 0,05 %

AC0170 Isobutyl acetate, synthesis grade*Acetic acid isobutyl ester*

- M = 116,16 g/mol
- CAS [110-19-0]
- Density: 0,87

- Melting point: -99 °C
- Boiling point: 116 - 118 °C
- UN 1213

GHS information: Danger.

H225 - EUH066

P210 - P241 - P280 - P240 - P303+P361+P353 -

P501a

Packaging Code

1 l AC01701000

assay (G.C.)..... min. 96 %

AC0173 Isobutyl acetate, extra pure*Acetic acid isobutyl ester*

- M = 116,16 g/mol
- CAS [110-19-0]
- Density: 0,87

- Melting point: -99 °C
- Boiling point: 116 - 118 °C
- UN 1213

GHS information: Danger.

H225 - EUH066

P210 - P241 - P280 - P240 - P303+P361+P353 -

P501a

Packaging Code

1 l AC01731000

assay (G.C.)..... min. 98 %

*Isobutyl alcohol. See Isobutanol page 161***AC1308 Isobutyric acid, synthesis grade***2-Methylpropionic acid*

- M = 88,11 g/mol
- CAS [79-31-2]
- Density: 0,95

- Melting point: -45 °C
- Boiling point: 153 - 155 °C
- UN 2529

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

Packaging Code

1 l AC13081000

assay (G.C.) min. 99 %

Store between 15°C and 25°C

Isohe

IS0122 Isohexane, Multisolvent® HPLC grade UV-VIS



- M = 86,18 g/mol
- CAS [73513-42-5]
- Density: 0,65

- Melting point: -153 °C
- Boiling point: 53 - 63 °C
- UN 1208

GHS information: Danger.

H224 - H304 - H315 - H336 - H411
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

1 l IS01221000
2,5 l IS01222500

Store between 15°C and 25°C

assay (G.C.)..... min. 97 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,005 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
200 nm..... 10 % 1,000 AU
210 nm..... 50 % 0,301 AU
217 nm..... 70 % 0,155 AU
225 nm..... 80 % 0,097 AU
245 nm..... 98 % 0,009 AU
Microfiltered through membranes
of pore diameter 0,22 µm

IS0140 L-Isoleucine, extra pure, Ph Eur, BP, USP

Ile, 2-Amino-3-methylvaleric acid, (2S,3S)-2-Amino-3-methylpentanoic acid



- M = 131,18 g/mol
- CAS [73-32-5]

- Melting point: 279 - 280 °C
(decomposes)

assay (titr. with HClO₄, on dried
substance)..... 98,5 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code

25 g IS01400025

Store between 5°C and 30°C

Isooctane. See 2,2,4-Trimethylpentane page 336

ET0205 Isooctanol, extra pure



2-Ethyl-1-hexanol, Isooctyl alcohol



- M = 130,23 g/mol
- CAS [104-76-7]
- Density: 0,83

- Melting point: -76 °C
- Boiling point: 185 °C

GHS information: Warning.

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Packaging Code

1 l ET02051000

Store between 15°C and 25°C

assay (G.C.) min. 99 %

IS0162 Isooctanol, HPLC grade



2-Ethyl-1-hexanol, Isooctyl alcohol



- M = 130,23 g/mol
- CAS [104-76-7]
- Density: 0,83

- Melting point: -76 °C
- Boiling point: 185 °C

GHS information: Warning.

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Packaging Code

2,5 l IS01622500

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
non-volatile matter..... max. 0,0003 %
water (K.F.)..... max. 0,15 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
240 nm..... 40 % 0,398 AU
260 nm..... 80 % 0,097 AU
Microfiltered through membranes
of pore diameter 0,22 µm

Isooctyl alcohol. See Isooctanol page 162

IS0170 Isoparaffin L, synthesis grade*Isopar L*

• CAS [64742-48-9]
• Density: 0,770

• Melting point: < -18 °C
• Boiling point: 185 - 213 °C

GHS information: Danger.
H350 - H304
P281 - P301+P310 - P308+P313 - P331 - P405 -
P501a

Packaging Code

1 l IS01701000
5 l IS0170005P
25 l IS0170025P

Isopropanol. See 2-Propanol page 247

IS0165 Isopropanolamine, synthesis grade*1-Amino-2-propanol, 2-Hydroxypropylamine, 1-Aminoisopropanol, Aminoisopropyl alcohol*

C_3H_9NO

• M = 75,11 g/mol
• CAS [78-96-6]
• Density: 0,96

• Melting point: -4 °C
• Boiling point: 160 °C
• UN 2735

GHS information: Danger.
H314
P260 - P303+P361+P533 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l IS01651000

Store between 15°C and 25°C

assay (G.C.)..... min. 95 %

Isopropyl alcohol. See 2-Propanol page 247

IS0175 Isopropylamine, synthesis grade*2-Aminopropane*

C_3H_9N

• M = 59,11 g/mol
• CAS [75-31-0]
• Density: 0,69

• Melting point: -101 °C
• Boiling point: 31 - 33 °C
• UN 1221

GHS information: Danger.
H224 - H315 - H319 - H335
P210 - P241 - P303+P361+P533 - P305+P351+P338 -
P405 - P501a

Packaging Code

1 l IS01751000

Hygroscopic

assay (G.C.) min. 99 %

Store between 15°C and 25°C

Isopropyl ether. See Diisopropyl ether page 95

MI0020 Isopropyl myristate, synthesis grade*Tetradecanoic acid isopropyl ester, Myristic acid isopropyl ester*

$C_{17}H_{34}O_2$

• M = 270,46 g/mol
• CAS [110-27-0]
• Density: 0,85

• Melting point: 0 - 1 °C
• Boiling point: (3 hPa) 140 °C

assay (G.C.)..... min. 98 %

Packaging Code

1 l MI00201000

Store between 15°C and 25°C

Isopropyl-b-D-thiogalactopyranoside. See IPTG page 158

VE0150 Janus green, C.I. 11050, for microscopy*Diazine green S, 3-Diethylamino-7-(4-dimethylaminophenylazo)-5-phenylphenazinium*

$C_{30}H_{31}ClN_6$

• M = 511,07 g/mol

• CAS [2869-83-2]

Packaging Code

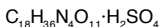
5 g VE01500005
25 g VE01500025

Store between 5°C and 30°C

KA0010 Kanamycin sulfate, molecular biology grade



Kanamycin A sulfate



- M = 582,58 g/mol
- CAS [25389-94-0]

• UN 2811

GHS information: Danger.

H360

P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code

5 g KA00100005

25 g KA00100025

Store between 2°C and 8°C

Karl Fischer volumetric reagents, free from pyridine

AQ0003 Aquagent® Complet 5, free from pyridine, one-component reagent for volumetric Karl Fischer titration



• Density: 1,17

• Boiling point: 194 °C

GHS information: Warning.

H332

P261 - P271 - P304+P340 - P312

Store between 15°C and 25°C

Packaging Code

500 ml AQ00030500

1 l AQ00031000

2,5 l AQ00032500

1 ml = 5 mg H₂O approx.
Contains imidazole, sulfur dioxide
and diethyleneglycol monoethyl ether

AQ0007 Aquagent® Complet 2, free from pyridine, one-component reagent for volumetric Karl Fischer titration



• Density: 1,11

• Boiling point: 194 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313 - P405 - P501a

Store between 15°C and 25°C

Packaging Code

500 ml AQ00070500

1 l AQ00071000

2,5 l AQ00072500

1 ml = 2 mg H₂O approx.
Contains imidazole, sulfur dioxide
and diethyleneglycol monoethyl ether

AQ0009 Aquagent® buffer, free from pyridine, buffer capacity 5 mmol acid/ml



• Density: ~ 0,96

• UN 1992

GHS information: Danger.

H226 - H302 - H312 - H331 - H314 - H341 - H370 - H373

P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Hygroscopic

Store between 15°C and 25°C

Packaging Code

500 ml AQ00090500

1 l AQ00091000

contains methanol

AQ0004 Aquagent® Complet 5K, free from pyridine, one-component reagent for volumetric Karl Fischer titration (ketones, aldehydes)

• Density: 1,17

• Boiling point: 194 °C

Packaging Code

500 ml AQ00040500

1 l AQ00041000

Store between 15°C and 25°C

1 ml = 5 mg H₂O approx.
Contains imidazole, sulfur dioxide
and diethyleneglycol monoethyl ether

AQ0005 Aquagent® Medium K, free from pyridine, solvent for volumetric Karl Fischer titration (ketones, aldehydes)



- Density: 1,35
- Boiling point: 60 °C

• UN 2810

GHS information: Danger.

H301 - H310 - H330 - H315 - H351 - H373 - EUH209
P301+P310 - P320 - P361 - P405 - P501a

Packaging Code

1 l AQ00051000

contains trichloromethane and
2-chloroethanol

For use with:
Aquagent® Composite 5K (AQ0004)

AQ0006 Aquagent® Titrant 2, free from pyridine, titrant-component for volumetric Karl Fischer titration

• UN 1992

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H330 - H370

P210 - P303+P361+P353 - P310 - P320 - P405 - P501a

Packaging Code

500 ml AQ00060500

1 l AQ00061000

For use with:
 Aquagent® Solvent (AQ0002)
 1 ml = 2,00 ± 0,02 mg H₂O (20 °C)
 Contains methanol

AQ0001 Aquagent® Titrant 5, free from pyridine, titrant-component for volumetric Karl Fischer titration

• Density: ~ 0,86

• UN 1992

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H330 - H370

P210 - P303+P361+P353 - P310 - P320 - P405 - P501a

Packaging Code

500 ml AQ00010500

1 l AQ00011000

For use with:
 Aquagent® Solvent (AQ0002)
 1 ml = 5,00 ± 0,02 mg H₂O (20 °C)
 Contains methanol

AQ0002 Aquagent® Solvent, free from pyridine, solvent-component for volumetric Karl Fischer titration

• Density: ~ 0,91

• UN 1992

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H301 - H330 - H314 - H370

P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P405 - P501a

Packaging Code

1 l AQ00021000

2,5 l AQ00022500

For use with:
 Aquagent® Titrant 5 (AQ0001)
 Aquagent® Titrant 2 (AQ0006)

Contains: imidazole, sulfur dioxide
 and methanol

AQ0008 Aquagent® Solvent CM, solvent-component for volumetric Karl Fischer titration in oils and fats

• Density: 1,25

• UN 2810

• Boiling point: 60 - 65 °C

Store between 15°C and 25°C

GHS information: Danger.

H301 - H310 - H330 - H314 - H351 - H370 - H373 - EUH209

P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a

Packaging Code

1 l AQ00081000

2,5 l AQ00082500

For use with:
 Aquagent® Titrant 5 (AQ0001)
 Aquagent® Titrant 2 (AQ0006)
 Contains imidazole, sulfur dioxide,
 chloroform and methanol

AQ0010 Aquagent® Solvent Oil, solvent-component for volumetric Karl Fischer titration in oils and fats, free from halogenated hydrocarbons

• Density: ~ 0,835

• UN 1992

• Boiling point: 63 °C

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H301 - H311 - H330 - H315 - H370

P301+P310 - P303+P361+P353 - P310 - P320 - P361 - P405 - P501a

Packaging Code

1 l AQ00101000

For use with:
 Aquagent® Titrant 5 (AQ0001)
 Aquagent® Titrant 2 (AQ0006)
 Contains imidazole, sulfur dioxide,
 1-hexanol and methanol.
 Free from halogenated hydrocarbons

Karl Fischer coulometric reagents, free from pyridine

AQ0022 Aquagent® Coulometric A, analyte for coulometric Karl Fischer titration			   
• Density: 1,03 • Boiling point: 59 °C	• UN 1992	GHS information: Danger. H224 - H302 - H311 - H331 - H314 - H351 - H370 - H373 P303+P361+P353 - P305+P351+P338 - P310 - P361 - P405 - P501a Suitability for coulometric KF titration..... passes test Contains methanol, chloroform, imidazole, sulfur dioxide Suitable for cells with diaphragm	Packaging Code 500 ml  AQ00220500
AQ0023 Aquagent® Coulometric CG, catholyte for coulometric Karl Fischer titration			  
• Density: 1,02 • Boiling point: 63 °C	• UN 1992	GHS information: Danger. H225 - H331 - H314 - H370 P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a Suitability for coulometric KF titration..... passes test Contains methanol Suitable for cells with diaphragm	Packaging Code 100 ml  AQ00230100
AQ0024 Aquagent® Coulometric AG, for coulometric Karl Fischer titration, suitable for cells without diaphragm			   
• Density: 0,90 • Boiling point: 62 °C	• UN 1992	GHS information: Danger. H225 - H331 - H314 - H370 P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a Suitability for coulometric KF titration..... passes test Contains methanol, diethanolamine, imidazole, sulfur dioxide	Packaging Code 500 ml  AQ00240500 1 l  AQ00241000

Karl Fischer reagents, standards

AQ0030 Aquagent®, di-Sodium tartrate dihydrate, secondary standard for volumetric Karl-Fischer titration			
Tartaric acid sodium salt dihydrate $C_4H_4Na_2O_6 \cdot 2H_2O$ • M = 230,08 g/mol • CAS [6106-24-7] • Melting point: 154 °C			Packaging Code 25 g  AQ00300025 100 g  AQ00300100
water.....			15,66 ± 0,05 %
AQ0021 Aquagent®, standard solution 5			  
• Density: 0,85	• UN 1993	GHS information: Danger. H225 - H302 - H332 - H315 - H318 - H335 - H336 P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a water content..... 5,00 ± 0,02 mg/ml (5,92 ± 0,02 mg/g) Air humidity will change the water content Protect from moisture	Packaging Code 100 ml  AQ00210100 500 ml  AQ00210500

Karl Fischer reagents, with pyridine

RE0013 Karl Fischer reagent 5, one-component reagent

• Density: 1,19

• UN 1992

GHS information: Danger.

H226 - H302 - H312 - H332 - H315 - H360

P210 - P241 - P303+P361+P353 - P321 - P405 - P501a

Packaging Code

1 I ☐ RE00131000

1 ml = 5 mg H₂O approx.**RE0014 Karl Fischer reagent 1,5, one-component reagent**

• UN 1992

GHS information: Danger.

H226 - H302 - H312 - H332 - H315 - H360

P210 - P241 - P303+P361+P353 - P321 - P405 - P501a

Packaging Code

1 I ☐ RE00141000

1 ml = 1,5 mg H₂O approx.**KE0100 Kerosene, pure***Coal oil, Deobase*

• CAS [8008-20-6]

• Boiling point: 190 - 250 °C

• Density: 0,78

• UN 1223

GHS information: Danger.

H304

P301+P310 - P331 - P405 - P501a

Packaging Code

2,5 I ☐ KE01002500

5 I ☐ KE0100005M

Store between 15°C and 25°C

2-Ketoglutaric acid. See 2-Oxoglutaric acid page 212

Kjeldahl catalysts

CA0393 Kjeldahl catalyst (Cu-Se), tablets 5 g

tablets, grey, up to 2cm

GHS information: Warning.

H332 - H373 - H401 - H411

P260 - P270 - P273 - P304+P340 - P312 - P501a

Packaging Code

1 kg ☐ CA03931000

5 kg ☐ CA0393005P

CA0394 Kjeldahl catalyst (Cu-Se), tablets 1 g

tablets, grey, up to 1,5cm

GHS information: Warning.

H332 - H373 - H401 - H411

P260 - P270 - P273 - P304+P340 - P312 - P501a

Packaging Code

1 kg ☐ CA03941000

CA0396 Kjeldahl catalyst (Cu), tablets 4 g

• UN 3077

GHS information: H401

P273 - P501a

Packaging Code

4 kg ☐ CA0396004P

tablets, light blue, up to 2cm

Kjeld

ME0680 Kjeldahl catalyst (Cu-Se), for quick determination of nitrogen, according to Wieninger

Wieninger's reagent

GHS information: Warning.
H412
P273 - P501a

Packaging Code
1 kg ME06801000
5 kg ME0680005P
25 kg ME0680025P

RE0007 Kovacs' reagent, for microbiology



• Density: 0,89
• UN 2920
Store between 15°C and 25°C

GHS information: Warning.
H226 - H302 - H315 - H319 - H335 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a

Packaging Code
100 ml RE0007G100
1 l RE00071000

AC1380 L(+)-Lactic acid, 88 - 92%, extra pure, Ph Eur, BP



2-Hydroxypropanoic acid, Lactol



• M = 90,08 g/mol
• CAS [79-33-4]
• Density: 1,21
• Melting point: 18 °C
• Boiling point: (20 hPa) 122 °C

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code
1 l AC13801000
5 l AC1380005P

Store between 15°C and 25°C

assay (acidimetric)..... 88 - 92 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

AC1381 L(+)-Lactic acid, 88- 90%, reagent grade, ACS, Reag. Ph Eur



2-Hydroxypropanoic acid, Lactol



• M = 90,08 g/mol
• CAS [79-33-4]
• Density: 1,21
• Melting point: 18 °C
• Boiling point: (20 hPa) 122 °C

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code
1 l AC13811000
5 l AC1381005P

Store between 15°C and 25°C

assay (acidimetric)..... min. 88 %

AZ0175 Lactophenol blue, solution for microscopy



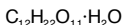
• Density: 1,18
• UN 2927

GHS information: Danger.
H301 - H311 - H330 - H314 - H341 - H373
P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a

Packaging Code
100 ml AZ0175G100

LA0060 D(+)-Lactose monohydrate, extra pure, Ph Eur, BP, NF

Lactobiose, Milk sugar

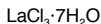


• M = 360,32 g/mol
• CAS [10039-26-6]
• Melting point: 202 °C

residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code
500 g LA00600500
1 kg LA00601000
5 kg LA0060005P

Store between 15°C and 25°C

LA0090 Lanthanum(III) chloride heptahydrate, reagent grade, ACS

- M = 371,37 g/mol
- CAS [10025-84-0]

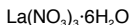
- Melting point: 91 °C (release of crystalline water)

assay (gravimetric)..... min. 99 %

humid crystals, colourless
Hygroscopic

Packaging Code

100 g  LA00900100
250 g  LA00900250

LA0100 Lanthanum(III) nitrate hexahydrate, reagent grade

- M = 433,02 g/mol
- CAS [10277-43-7]
- Melting point: 40 °C

- Boiling point: 126 °C (decomposes)
- UN 1477

GHS information: Danger.

H272 - H318

P221 - P210 - P220 - P305+P351+P338 - P310 - P501a

Packaging Code

100 g  LA01000100
250 g  LA01000250

assay (complexometric) min. 99 %

LA0110 Lanthanum(III) oxide, extra pure

- M = 325,81 g/mol
- CAS [1312-81-8]

- Melting point: 2315 °C

assay (complexometric) min. 99 %

powder, white

Packaging Code

100 g  LA01100100
250 g  LA01100250

AC1392 Lauric acid, synthesis grade*Dodecanoic acid*

- M = 200,32 g/mol
- CAS [143-07-7]

- Melting point: 42 - 45 °C
- Boiling point: (1,3 hPa) 131 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

1 kg  AC13921000
5 kg  AC1392005P

granules or flakes, white

Store between 15°C and 25°C

assay (G.C., as methyl ester)..... min. 99 %

AC1395 Lauric acid, extra pure, Reag. Ph Eur*Dodecanoic acid*

- M = 200,32 g/mol
- CAS [143-07-7]

- Melting point: 42 - 45 °C
- Boiling point: (1,3 hPa) 131 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

100 g  AC13950100
1 kg  AC13951000

granules or flakes, white

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

*Lauryl alcohol. See 1-Dodecanol page 108***PL0114 Lead(II) acetate trihydrate, extra pure***Acetic acid lead salt trihydrate*

- M = 379,34 g/mol
- CAS [6080-56-4]

- Melting point: 75 °C
- UN 1616

GHS information: Danger.

H360Df - H373 - H400 - H410

P260 - P281 - P273 - P308+P313 - P405 - P501a

Packaging Code

500 g  PL01140500
1 kg  PL01141000
5 kg  PL0114005P
25 kg  PL0114025P

transparent crystals, bright slightly pink

assay (complexometric)..... 99,5 - 102 %

Lead

PL0115 Lead(II) acetate trihydrate, reagent grade, ACS, ISO, Reag. Ph Eur



Acetic acid lead salt trihydrate



- M = 379,34 g/mol
- CAS [6080-56-4]
- Melting point: 75 °C
- UN 1616

GHS information: Danger.
H360Df - H373 - H400 - H410
P260 - P281 - P273 - P308+P313 - P405 - P501a

Packaging Code
500 g PL01150500
1 kg PL01151000
5 kg PL0115005P

transparent crystals, bright slightly pink

assay (complexometric)..... 99,5 - 103,0 %

PL0120 Lead(II) chloride, extra pure



- M = 278,10 g/mol
- CAS [7758-95-4]
- Melting point: 500 °C
- Boiling point: 950 °C
- UN 2291

GHS information: Danger.
H360Df - H373 - H400 - H410 - H302 - H332
P260 - P261 - P281 - P301+P312 - P405 - P501a

Packaging Code
500 g PL01200500
1 kg PL01201000
5 kg PL0120005P

powder, white

assay (complexometric)..... min. 99 %

PL0130 Lead(II) chromate, reagent grade



Chrome yellow



- M = 323,18 g/mol
- CAS [7758-97-6]
- Melting point: 844 °C
- UN 2291

GHS information: Danger.
H360Df - H351 - H373 - H400 - H410
P260 - P281 - P273 - P308+P313 - P405 - P501a

Packaging Code
250 g PL01300250
500 g PL01300500

assay (iodometric) min. 99 %

Lead dioxide. See Lead(IV) oxide page 171

PL0135 Lead(II) hydroxide acetate, reagent grade, for determination of sugar according to Horne, ACS



Horne's compound, Lead(II) acetate basic, Lead subacetate



- M = 566,50 g/mol
- CAS [1335-32-6]
- UN 2291

GHS information: Danger.
H360Df - H351 - H373 - H400 - H410
P260 - P281 - P273 - P308+P313 - P405 - P501a

Packaging Code
500 g PL01350500
1 kg PL01351000
5 kg PL0135005P
25 kg PL0135025P

powder, white or almost white

assay (PbO) min. 33,0 %

PL0140 Lead(II) nitrate, reagent grade, ACS



- M = 331,21 g/mol
- CAS [10099-74-8]
- Melting point: ~ 470 °C
- UN 1469

GHS information: Danger.
H360Df - H373 - H400 - H410 - H302 - H332
P260 - P261 - P281 - P301+P312 - P405 - P501a

Packaging Code
500 g PL01400500
1 kg PL01401000

crystals, white

assay (complexometric)..... min. 99,5 %

PL0145 Lead(II) nitrate, solution 0,05 mol/l



- M = 331,21 g/mol
- CAS [10099-74-8]
- UN 3287

GHS information: Danger.
H360Df - H373 - H332 - H412
P260 - P261 - P281 - P304+P340 - P405 - P501a

Packaging Code
1 l PL01451000

Traceable to SRM from NIST

PL0150 Lead(II) oxide, extra pure*Litharge***PbO**

- M = 223,19 g/mol
- CAS [1317-36-8]
- Melting point: 890 °C

- Boiling point: 1470 °C
- UN 2291

GHS information: Danger.

H360Df - H373 - H400 - H410 - H302 - H332
P260 - P261 - P281 - P301+P312 - P405 - P501a

assay (complexometric)..... 99 - 100,5 %

floury powder, orange

Packaging Code

500 g PL01500500
 1 kg PL01501000
 5 kg PL0150005P

PL0151 Lead(II) oxide, reagent grade*Litharge***PbO**

- M = 223,19 g/mol
- CAS [1317-36-8]
- Melting point: 890 °C

- Boiling point: 1470 °C
- UN 2291

GHS information: Danger.

H360Df - H373 - H400 - H410 - H302 - H332
P260 - P261 - P281 - P301+P312 - P405 - P501a

assay (complexometric)..... min. 99 %

floury powder, orange

Packaging Code

250 g PL01510250
 1 kg PL01511000

PL0149 Lead(IV) oxide, extra pure*Lead dioxide, Lead peroxide, Lead oxide brown***PbO₂**

- M = 239,20 g/mol
- CAS [1309-60-0]

- Melting point: 290 °C (decomposes)
- UN 1872

GHS information: Danger.

H360Df - H373 - H400 - H410 - H302 - H332
P260 - P261 - P281 - P301+P312 - P405 - P501a

assay (iodometric) min. 97 %

Packaging Code

500 g PL01490500
 1 kg PL01491000
 5 kg PL0149005P

*Lead subacetate. See Lead(II) hydroxide acetate page 170***PL0155 Lead(II) sulfate, extra pure****PbSO₄**

- M = 303,25 g/mol
- CAS [7446-14-2]

- Melting point: 1170 °C
- UN 1794

GHS information: Danger.

H360Df - H373 - H400 - H410 - H302 - H332
P260 - P261 - P281 - P301+P312 - P405 - P501a

assay (complexometric) min. 98 %

Packaging Code

500 g PL01550500
 1 kg PL01551000
 5 kg PL0155005P

PL0152 Lead tetroxide, reagent grade*Minium, Lead orthoplumbate, Saturn red***Pb₃O₄**

- M = 685,57 g/mol
- CAS [1314-41-6]

- Melting point: ~ 470 °C (decomposes)
- UN 3288

GHS information: Danger.

H360Df - H373 - H400 - H410 - H302 - H332
P260 - P261 - P281 - P301+P312 - P405 - P501a

assay (as Pb3O4)..... min. 97 %

Packaging Code

500 g PL01520500
 1 kg PL01521000

*Leishman's eosin methylene blue solution. See Eosin methylene blue solutions page 109***LE0055 L-Leucine, extra pure, Ph Eur, BP, USP***2-Amino-4-methylvaleric acid, α-Aminoisocaproic acid,***C₆H₁₃NO₂**

- M = 131,18 g/mol
- CAS [61-90-5]

- Melting point: 300 °C (decomposes)

assay (titr. with HClO₄, on driedsubstance).....
residual solvents (Ph Eur/ICH).....98,5 - 101 %
excluded by
production process

crystals or powder, bright white

Store between 5°C and 30°C

Packaging Code

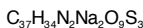
25 g LE00550025
 100 g LE00550100

Levul

Levulose. See D(-)-Fructose page 131

VE0160 Light green SF yellowish, C.I. 42095, for microscopy

Acid green 5



- M = 792,86 g/mol
- CAS [5141-20-8]
- Melting point: 288 °C

powder, reddish-brown

Store between 5°C and 30°C

Packaging Code
25 g VE01600025
100 g VE01600100

Lime. See Calcium carbonate, precipitated page 56

Lime, caustic. See Calcium oxide page 59

LI0080 Lithium, metal, extra pure, Reag. Ph Eur



Li
• M = 6,94 g/mol
• CAS [7439-93-2]
• Melting point: 179 °C
• Boiling point: 1347 °C
• UN 1415
GHS information: Danger.
H260 - H314 - EUH014
P231+P232 - P303+P361+P353 - P305+P351+P338 -
P310 - P405 - P501a

Packaging Code
100 g LI00800100

assay (acidimetric) min. 99,5 %

LI0098 Lithium carbonate, extra pure, Ph Eur, BP, USP



Li₂CO₃
• M = 73,89 g/mol
• CAS [554-13-2]
• Melting point: 720 °C
GHS information: Warning.
H302 - H319
P280 - P264 - P305+P351+P338 - P301+P312 -
P337+P313 - P501a
assay (acidimetric) 99 - 100,5 %
residual solvents (Ph Eur/ICH) excluded by
production process

Packaging Code
500 g LI00980500
1 kg LI00981000

LI0100 Lithium carbonate, reagent grade, ACS, Reag. Ph Eur



Li₂CO₃
• M = 73,89 g/mol
• CAS [554-13-2]
• Melting point: 720 °C
GHS information: Warning.
H302 - H319
P280 - P264 - P305+P351+P338 - P301+P312 -
P337+P313 - P501a
assay (acidimetric) min. 99,0 %

Packaging Code
250 g LI01000250
500 g LI01000500

LI0110 Lithium chloride, extra pure, Reag. Ph Eur



LiCl
• M = 42,39 g/mol
• CAS [7447-41-8]
• Melting point: 614 °C
• Boiling point: 1360 °C
GHS information: Warning.
H302 - H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P301+P312 -
P501a
crystals, colourless or white
Hygroscopic
assay (argentometric) min. 98 %

Packaging Code
100 g LI01100100
250 g LI01100250
500 g LI01100500

LI0112 Lithium chloride, molecular biology grade



LiCl
• M = 42,39 g/mol
• CAS [7447-41-8]
• Melting point: 614 °C
• Boiling point: 1360 °C
GHS information: Warning.
H302 - H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P301+P312 -
P501a
crystals, colourless or white
Hygroscopic
assay (argentometric) min. 99 %
DNases, RNases, Proteases non detected

Packaging Code
50 g LI01120050
250 g LI01120250

LI0140 Lithium hydroxide monohydrate, synthesis grade


LiOH·H₂O

- M = 41,96 g/mol
- CAS [1310-66-3]
- Melting point: 462 °C

- Boiling point: 924 °C (decomposes)
- UN 2680

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

500 g LI01400500

1 kg LI01401000

assay (acidimetric, LiOH)..... min. 56 %

LI0141 Lithium hydroxide monohydrate, reagent grade, ACS


LiOH·H₂O

- M = 41,96 g/mol
- CAS [1310-66-3]
- Melting point: 462 °C

- Boiling point: 924 °C (decomposes)
- UN 2680

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

250 g LI01410250

1 kg LI01411000

assay (acidimetric) min. 99 %

LI0090 Lithium metaborate, reagent grade

LiBO₂

- M = 49,75 g/mol
- CAS [13453-69-5]

- Melting point: ~ 840 °C

Packaging Code

100 g LI00900100

500 g LI00900500

assay (acidimetric)..... min. 99 %

crystals, bright white

LI0175 Lithium nitrate, extra pure


Nitric acid lithium salt

LiNO₃

- M = 68,95 g/mol
- CAS [7790-69-4]

- Melting point: 255 °C
- UN 2722

GHS information: Danger.

H272

P221 - P210 - P220 - P280 - P370+P378a - P501a

Packaging Code

250 g LI01750250

500 g LI01750500

5 kg LI0175005P

Hygroscopic

assay (argentometric) min. 98 %

LI0180 Lithium sulfate monohydrate, reagent grade, ACS

Li₂SO₄·H₂O

- M = 127,96 g/mol
- CAS [10102-25-7]

- Melting point: 120 °C

Packaging Code

250 g LI01800250

500 g LI01800500

assay (acidimetric, on dried sample)..... min. 99 %

TO0280 Litmus, soluble, synthesis grade

Lacmus, Tournesol, Lacca musica

- M = ~ 3300 g/mol

- CAS [1393-92-6]

Packaging Code

25 g TO02800025

250 g TO02800250

Store between 15°C and 25°C

pH range (red to blue)..... 4,5 - 8,3

LU0010 Lugol's solution, for microscopy

Iodine-potassium iodide solution

- Density: 1,01

- Boiling point: 100 °C

Packaging Code

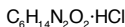
500 ml LU00100500

2,5 l LU00102500

Lysin

LI0035 L-Lysine monohydrochloride, synthesis grade

L-(+)-2,6-Diamino-N-caproic acid monohydrochloride



- M = 182,65 g/mol
- CAS [657-27-2]

• Melting point: 263 - 264 °C

assay (titr. with HClO₄) min. 99 %

granulated powder, white or almost white

Store between 15°C and 25°C

Packaging Code

1 kg LI00351000

MA0020 Magnesium, powder, synthesis grade



Mg

- M = 24,31 g/mol
- CAS [7439-95-4]
- Melting point: 651 °C

• Boiling point: 1107 °C
• UN 1418

GHS information: Danger.

H250 - H260

P210 - P222 - P231+P232 - P280 - P422a - P501a

Packaging Code

25 g MA00200025

250 g MA00200250

assay (complexometric)..... min. 99 %

MA0025 Magnesium, turnings, synthesis grade, according to Grignard



Mg

- M = 24,31 g/mol
- CAS [7439-95-4]
- Melting point: 651 °C

• Boiling point: 1107 °C
• UN 1869

GHS information: Danger.

H228 - H252 - H261

P210 - P231+P232 - P235+P410 - P241 - P280 - P402+P404 - P501a

Packaging Code

100 g MA00250100

250 g MA00250250

1 kg MA00251000

assay (complexometric)..... min. 99,5 %

MA0027 Magnesium acetate tetrahydrate, extra pure, Ph Eur, BP

Acetic acid magnesium salt tetrahydrate



- M = 214,46 g/mol
- CAS [16674-78-5]

• Melting point: 80 °C

Packaging Code

500 g MA00270500

1 kg MA00271000

5 kg MA0027005P

Store between 15°C and 25°C

assay (complexometric, on

dried substance).....

residual solvents (Ph Eur/ICH).....

98 - 101 %
excluded by
production process

MA0028 Magnesium acetate tetrahydrate, reagent grade, ACS

Acetic acid magnesium salt tetrahydrate



- M = 214,46 g/mol
- CAS [16674-78-5]

• Melting point: 80 °C

Packaging Code

500 g MA00280500

1 kg MA00281000

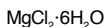
5 kg MA0028005P

Store between 15°C and 25°C

assay (complexometric)..... 99,5 - 102 %

Magnesium carbonate basic. See Magnesium hydroxide carbonate pentahydrate page 175

MA0035 Magnesium chloride hexahydrate, extra pure, Ph Eur, BP, USP



- M = 203,30 g/mol
- CAS [7791-18-6]

• Melting point: ~ 117 °C
(decomposes)

assay (complexometric).....

residual solvents (Ph Eur/ICH).....

98 - 101 %
excluded by
production process

crystals, colourless or white

Packaging Code

250 g MA00350250

500 g MA00350500

1 kg MA00351000

5 kg MA0035005P

25 kg MA0035025P

MA0036 Magnesium chloride hexahydrate, reagent grade, ACS, ISO, Reag. Ph Eur

$MgCl_2 \cdot 6H_2O$

• M = 203,30 g/mol
• CAS [7791-18-6]

• Melting point: ~ 117 °C
(decomposes)

assay (complexometric)..... 99,0 - 101,0 %

crystals, colourless or white

Packaging	Code
250 g	MA00360250
500 g	MA00360500
1 kg	MA00361000
5 kg	MA0036005P

MA0037 Magnesium chloride hexahydrate, molecular biology grade

$MgCl_2 \cdot 6H_2O$

• M = 203,30 g/mol
• CAS [7791-18-6]

• Melting point: ~ 117 °C
(decomposes)

assay (complexometric)..... min. 99 %
DNases, RNases, Proteases non detected

crystals, colourless or white

Packaging	Code
100 g	MA00370100
500 g	MA00370500

MA0038 Magnesium chloride, solution 0,1 mol/l (0,2 N)

$MgCl_2 \cdot 6H_2O$

• M = 203,30 g/mol
• CAS [7786-30-3]

• Density: ~ 1,01

Traceable to SRM from NIST

Packaging	Code
1 l	MA00381000

MA0045 Magnesium hydrogen phosphate trihydrate, extra pure

Magnesium phosphate dibasic

$MgHPO_4 \cdot 3H_2O$

• M = 174,33 g/mol

• CAS [7782-75-4]

assay (complexometric)..... 98 - 102 %

Packaging	Code
500 g	MA00450500
5 kg	MA0045005P
25 kg	MA0045025P

MA0055 Magnesium hydroxide carbonate pentahydrate, synthesis grade

Magnesium carbonate basic

$\sim 4MgCO_3 \cdot Mg(OH)_2 \cdot 5H_2O$

• M = ~ 485 g/mol
• CAS [12125-28-9]

• Melting point: 700 °C

assay (as MgO) 40 - 45 %

Packaging	Code
1 kg	MA00551000
5 kg	MA0055005P

MA0048 Magnesium nitrate hexahydrate, extra pure, Reag. Ph Eur



$Mg(NO_3)_2 \cdot 6H_2O$

• M = 256,41 g/mol
• CAS [13446-18-9]

• Melting point: ~ 89 - 95 °C
(decomposes)
• UN 1474

GHS information: Danger.
H272
P221 - P210 - P220 - P280 - P370+P378a - P501a

assay (complexometric)..... min. 98 %

humid crystals, colourless or white
Hygroscopic

Packaging	Code
500 g	MA00480500
1 kg	MA00481000
5 kg	MA0048005P
25 kg	MA0048025P

MA0050 Magnesium nitrate hexahydrate, reagent grade, ACS



$Mg(NO_3)_2 \cdot 6H_2O$

• M = 256,41 g/mol
• CAS [13446-18-9]

• Melting point: ~ 89 - 95 °C
(decomposes)
• UN 1474

GHS information: Danger.
H272
P221 - P210 - P220 - P280 - P370+P378a - P501a

assay (complexometric)..... 99 - 102 %

humid crystals, colourless or white
Hygroscopic

Packaging	Code
500 g	MA00500500
1 kg	MA00501000
5 kg	MA0050005P
25 kg	MA0050025P

Magne

MA0060 Magnesium oxide, extra pure, Ph Eur, BP, USP

Magnesia usta

MgO

- M = 40,30 g/mol
 - CAS [1309-48-4]
- Melting point: ~ 2800 °C
 - Boiling point: 3600 °C

assay (complexometric, on ignited substance).....

residual solvents (Ph Eur/ICH).....

98 - 100,5 %
excluded by
production process

Packaging	Code
250 g	MA00600250
500 g	MA00600500
1 kg	MA00601000
5 kg	MA0060005P

Magnesium phosphate dibasic. See Magnesium hydrogen phosphate trihydrate page 175

MA0040 Magnesium stearate, extra pure, Ph Eur, BP, NF

Stearic acid magnesium salt

C₃₆H₇₀MgO₄

- M = 591,27 g/mol
- CAS [557-04-0]

assay of Mg (referred to dried substance).....

residual solvents (Ph Eur/ICH).....

4,0 - 5,0 %
excluded by
production process

Packaging	Code
500 g	MA00400500
1 kg	MA00401000

MA0080 Magnesium sulfate anhydrous, extra pure

MgSO₄

- M = 120,37 g/mol
 - CAS [7487-88-9]
- Melting point: 1124 °C

granules, almost white
Hygroscopic

assay (complexometric).....

min. 98 %

Packaging	Code
1 kg	MA00801000
5 kg	MA0080005P
25 kg	MA0080025P

MA0084 Magnesium sulfate heptahydrate, extra pure, Ph Eur, BP, USP

Bitter salt, Epsom salt, Sulfuric acid magnesium salt heptahydrate

MgSO₄·7H₂O

- M = 246,48 g/mol
- CAS [10034-99-8]

crystals, colourless or white
Store between 5°C and 30°C

assay (complexometric, on dried substance).....

residual solvents (Ph Eur/ICH).....

99,0 - 100,5 %
excluded by
production process

Packaging	Code
500 g	MA00840500
1 kg	MA00841000
5 kg	MA0084005P
25 kg	MA0084025P

MA0085 Magnesium sulfate heptahydrate, reagent grade, ACS, Reag. Ph Eur

Bitter salt, Epsom salt, Sulfuric acid magnesium salt heptahydrate

MgSO₄·7H₂O

- M = 246,48 g/mol
- CAS [10034-99-8]

Store between 5°C and 30°C

assay (complexometric, on dried subs.)

99 - 102 %

Packaging	Code
500 g	MA00850500
1 kg	MA00851000
5 kg	MA0085005P
25 kg	MA0085025P

MA0086 Magnesium sulfate heptahydrate, molecular biology grade

Bitter salt, Epsom salt, Sulfuric acid magnesium salt heptahydrate

MgSO₄·7H₂O

- M = 246,48 g/mol
- CAS [10034-99-8]

crystals, colourless or white
Store between 5°C and 30°C

assay (complexometric).....

DNases, RNases, Proteases

min. 99,5 %
passes test

Packaging	Code
100 g	MA00860100
500 g	MA00860500

MA0088 Magnesium sulfate, solution 0,1 mol/l

• M = 120,37 g/mol

• CAS [7487-88-9]

Packaging Code1 l  MA00881000

Store between 5°C and 30°C

Traceable to SRM from NIST

MA0087 Magnesium sulfate, solution 0,1 mol/l

• M = 120,37 g/mol

• Density: ~ 1

• CAS [7487-88-9]

Packaging Code1 l  MA00871000

Store between 5°C and 30°C

Traceable to SRM from NIST

VE0100 Malachite green oxalate, C.I. 42000, reagent and microscopy grade*Diamond green B*

• M = 927,02 g/mol

• CAS [2437-29-8]

• Melting point: ~ 159 °C

• UN 2811

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

Packaging Code25 g  VE01000025100 g  VE010001001 kg  VE01001000

Store between 5°C and 30°C

VE0101 Malachite green oxalate, solution for microscopy

• M = 927,02 g/mol

• CAS [2437-29-8]

GHS information: Danger.

H302 - H318 - H361 - H400 - H410

P280 - P281 - P305+P351+P338 - P310 - P405 -

P501a

Packaging Code100 ml  VE0101G1001 l  VE01011000**AC1410 Maleic acid, extra pure, Ph Eur, BP***cis-Butenedioic acid*

• M = 116,07 g/mol

• CAS [110-16-7]

• Melting point: 133 °C

• Boiling point: 135 °C

(decomposes)

• UN 3261

GHS information: Warning.

H302 - H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 -

P501a

Packaging Code500 g  AC141005001 kg  AC14101000

Store between 15°C and 25°C

assay (acidimetric, referred to

anhydrous substance)

residual solvents (Ph Eur/ICH).....

99 - 101 %

excluded by

production process

AN0250 Maleic anhydride, synthesis grade*2,5-Furanedione, Maleic acid anhydride*

• M = 98,06 g/mol

• CAS [108-31-6]

• Melting point: 51 - 53 °C

• Boiling point: 200 °C

• UN 2215

GHS information: Danger.

H334 - H314 - H302 - H317

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code500 g  AN025005001 kg  AN02501000

flakes, white, up to 0,5cm

assay (morpholine method)..... min. 99 %

Store between 15°C and 25°C

Malic

AC1420 DL-Malic acid, extra pure, Ph Eur, BP, NF



DL-Hydroxysuccinic acid, DL-Malate



- M = 134,09 g/mol
- CAS [6915-15-7]

- Melting point: 127-130 °C
- Boiling point: 150 °C (decomposes)

crystals or powder, yellow or orange

Store between 5°C and 30°C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

500 g AC14200500

1 kg AC14201000

assay (acidimetric, on anhydrous substance).....
residual solvents (Ph Eur/ICH).....

99 - 101 %
excluded by
process production

AC1430 Malonic acid, synthesis grade



1,3-Propanedioic acid



- M = 104,06 g/mol
- CAS [141-82-2]

- Melting point: 136 °C

Hygroscopic

Store between 15°C and 25°C

GHS information: Warning.

H302 - H319

P280 - P264 - P305+P351+P338 - P301+P312 - P337+P313 - P501a

Packaging Code

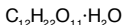
250 g AC14300250

1 kg AC14301000

assay (acidimetric) min. 99 %

MA0100 Maltose monohydrate, for microbiology

Maltobiose, 4-O-α-D-Glucopyranosyl-D-glucose



- M = 360,32 g/mol
- CAS [6363-53-7]

- Melting point: 160 - 165 °C

Packaging Code

500 g MA01000500

MA0120 Manganese, powder, synthesis grade

Mn

- M = 54,94 g/mol
- CAS [7439-96-5]

- Melting point: 1260 °C
- Boiling point: 1900 °C

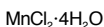
Packaging Code

250 g MA01200250

1 kg MA01201000

assay (complexometric) approx. 99 %

MA0122 Manganese(II) chloride tetrahydrate, extra pure



- M = 197,91 g/mol
- CAS [13446-34-9]

- Melting point: 58 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

500 g MA01220500

1 kg MA01221000

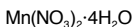
5 kg MA0122005P

crystals, pink

assay (complexometric) 98 - 102 %

Manganese dioxide. See Manganese(IV) oxide page 179

MA0123 Manganese(II) nitrate tetrahydrate, reagent grade



- M = 251,01 g/mol
- CAS [20694-39-7]

- Melting point: 37 °C
- UN 2724

GHS information: Danger.

H272

P221 - P210 - P220 - P280 - P370+P378a - P501a

Packaging Code

500 g MA01230500

1 kg MA01231000

5 kg MA0123005P

humid crystals, pink

assay (complexometric) min. 98,5 %

Hygroscopic

MA0126 Manganese(IV) oxide, synthesis grade*Manganese dioxide, Pyrolusite, Black manganese oxide, Manganese superoxide*

• M = 86,94 g/mol
• CAS [1313-13-9]

• Melting point: 535 °C
(decomposes)

GHS information: Warning.

H302 - H332

P261 - P264 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code

500 g MA01260500

1 kg MA01261000

5 kg MA0126005P

assay (permanganometric)..... approx. 90 %

MA0125 Manganese(IV) oxide, 90%, extra pure*Manganese dioxide, Pyrolusite, Black manganese oxide, Manganese superoxide*

• M = 86,94 g/mol
• CAS [1313-13-9]

• Melting point: 535 °C
(decomposes)

GHS information: Warning.

H302 - H332

P261 - P264 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code

100 g MA01250100

500 g MA01250500

assay (permanganometric)..... approx. 90 %
insoluble in HCl..... max. 0,05 %**MA0130 Manganese(II) sulfate monohydrate, extra pure, Ph Eur, BP, USP**

• M = 169,02 g/mol
• CAS [10034-96-5]

• Melting point: 117 °C
(decomposes)
• UN 3077

GHS information: Warning.

H373 - H411

P260 - P273 - P314 - P391 - P501a

Packaging Code

500 g MA01300500

1 kg MA01301000

5 kg MA0130005P

25 kg MA0130025P

powder, pink

assay (complexometric, on ignited substance)..... 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by production process**MA0131 Manganese(II) sulfate monohydrate, reagent grade, ACS, Reag. Ph Eur**

• M = 169,02 g/mol
• CAS [10034-96-5]

• Melting point: 117 °C
(decomposes)
• UN 3077

GHS information: Warning.

H373 - H411

P260 - P273 - P314 - P391 - P501a

Packaging Code

500 g MA01310500

1 kg MA01311000

5 kg MA0131005P

25 kg MA0131025P

lumpy powder, pink

assay (complexometric)..... 99 - 101 %

MA0149 D(-)-Mannitol, extra pure, Ph Eur, BP, USP*Manna sugar*

• M = 182,17 g/mol
• CAS [69-65-8]

• Melting point: 164 - 169 °C
• Boiling point: (4 hPa) 290 - 295 °C

assay (iodometric, referred to dried

substance).....

residual solvents (Ph Eur/ICH).....

Packaging Code

500 g MA01490500

1 kg MA01491000

5 kg MA0149005P

powder, white

Store between 15°C and 25°C

98 - 102 %
excluded by
production process**MA0150 D(-)-Mannitol, reagent grade, ACS, Reag. Ph Eur***Manna sugar*

• M = 182,17 g/mol
• CAS [69-65-8]

• Melting point: 164 - 169 °C
• Boiling point: (4 hPa) 290 - 295 °C

assay (iodometric)..... min. 99,0 %

Packaging Code

500 g MA01500500

1 kg MA01501000

powder, white

Store between 15°C and 25°C

Manno

MA0160 D(+)-Mannose, for biochemistry



- M = 180,16 g/mol
 - CAS [3458-28-4]
- Melting point: 133 °C

Packaging	Code
10 g	MA01600010
100 g	MA01600100

floury powder, white
Store between 15°C and 25°C

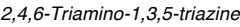
Marble. See Calcium carbonate, precipitated page 56

May-Grünwald's eosin methylene blue. See Eosin methylene blue, according to May-Grünwald page 109

May-Grünwald's eosin methylene blue solution. See Eosin methylene blue solutions page 110

MEK. See Ethyl methyl ketone page 125

ME0025 Melamine, synthesis grade

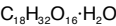


- M = 126,12 g/mol
 - CAS [108-78-1]
- Melting point: 354 °C
(decomposes)

assay (ex. N)..... min. 99 %

Packaging	Code
1 kg	ME00251000

ME0040 D-Melezitose monohydrate, for bacteriology

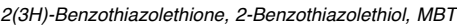


- M = 522,45 g/mol
 - CAS [597-12-6]
- Melting point: 160 °C

Store between 15°C and 25°C

Packaging	Code
5 g	ME00400005
25 g	ME00400025

ME0093 2-Mercaptobenzothiazole, reagent grade



- M = 167,25 g/mol
 - CAS [149-30-4]
- Melting point: 180 - 183 °C
 - UN 3077

GHS information: Warning.
H400 - H410 - H317
P261 - P280 - P273 - P321 - P363 - P501a

Store between 15°C and 25°C assay (acidimetric) min. 99 %

Packaging	Code
25 g	ME00930025
250 g	ME00930250
500 g	ME00930500

ME0095 2-Mercaptoethanol, molecular biology grade



- M = 78,13 g/mol
 - CAS [60-24-2]
 - Density: 1,12
- Melting point: -100 °C
 - Boiling point: 157 °C
 - UN 2966

GHS information: Danger.
H301 - H310 - H314 - H411
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P361 - P405 - P501a

Store between 15°C and 25°C assay (G.C.) min. 99 %
DNases, RNases, Proteases non detected

Packaging	Code
50 ml	ME00950050
250 ml	ME00950250

TI0220 3-Mercapto-1,2-propanediol, min. 98%, reagent grade *α -Thioglycerol*

- M = 108,16 g/mol
- CAS [96-27-5]

- Density: 1,25
- Boiling point: 118 °C

GHS information: Warning.

H302 - H312 - H332 - H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

1 l TI02201000

2,5 l TI02202500

Store between 15°C and 25°C

assay (iodometric)..... min. 98 %

ME0175 Mercury, metal, extra pure, washed, Reag. Ph Eur**Hg**

- M = 200,59 g/mol
- CAS [7439-97-6]
- Density: 13,55

- Melting point: -39 °C
- Boiling point: 357 °C
- UN 2809

GHS information: Danger.

H331 - H373 - H400 - H410

P260 - P261 - P321 - P311 - P405 - P501a

Packaging Code

100 g ME01750100

250 g ME01750250

1 kg ME01751000

Store between 15°C and 25°C

assay..... min. 99,6 %

ME0176 Mercury, metal, tridistilled, for polarography**Hg**

- M = 200,59 g/mol
- CAS [7439-97-6]
- Density: 13,55

- Melting point: -39 °C
- Boiling point: 357 °C
- UN 2809

GHS information: Danger.

H331 - H373 - H400 - H410

P260 - P261 - P321 - P311 - P405 - P501a

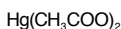
Packaging Code

250 g ME01760250

1 kg ME01761000

Store between 15°C and 25°C

assay..... min. 99,99 %

ME0120 Mercury(II) acetate, extra pure*Acetic acid mercury(II) salt, Mercuric salts*

- M = 318,68 g/mol
- CAS [1600-27-7]

- Melting point: 178 - 180 °C
- UN 1629

GHS information: Danger.

H300 - H310 - H330 - H373 - H400 - H410

P301+P310 - P310 - P320 - P361 - P405 - P501a

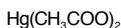
Packaging Code

100 g ME01200100

250 g ME01200250

1 kg ME01201000

assay (complexometric)..... min. 98,5 %

ME0121 Mercury(II) acetate, reagent grade, ACS, Reag. Ph Eur*Acetic acid mercury(II) salt, Mercuric salts*

- M = 318,68 g/mol
- CAS [1600-27-7]

- Melting point: 178 - 180 °C
- UN 1629

GHS information: Danger.

H300 - H310 - H330 - H373 - H400 - H410

P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code

100 g ME01210100

1 kg ME01211000

assay (complexometric)..... min. 99 %

ME0150 Mercury(II) amidochloride, synthesis grade*Mercury(II) chloride ammoniated, Amidomercury(II) chloride*

- M = 252,07 g/mol
- CAS [10124-48-8]

- UN 1630

GHS information: Danger.

H300 - H310 - H330 - H373 - H400 - H410

P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code

100 g ME01500100

Store between 15°C and 25°C

assay (acidimetric) min. 98 %

ME0160 Mercury(I) chloride, synthesis grade*Calomel, Mercurous salts*

- M = 472,09 g/mol
- CAS [10112-91-1]

- UN 3077

GHS information: Warning.

H400 - H410 - H302 - H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

100 g ME01600100

1 kg ME01601000

assay (iodometric)..... min. 99 %

Mercur

ME0169 Mercury(II) chloride, extra pure, Ph Eur, BP



HgCl₂		GHS information: Danger. H300 - H372 - H314 - H400 - H410 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	Packaging	Code
• M = 271,50 g/mol	• Boiling point: 302 °C		100 g	ME01690100
• CAS [7487-94-7]	• UN 1624		250 g	ME01690250
• Melting point: 280,7 °C			1 kg	ME01691000
		assay (complexometric, on dried substance).....	99,5 - 100,5 %	

ME0170 Mercury(II) chloride, reagent grade, ACS, ISO



HgCl₂		GHS information: Danger. H300 - H372 - H314 - H400 - H410 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	Packaging	Code
• M = 271,50 g/mol	• Boiling point: 302 °C		100 g	ME01700100
• CAS [7487-94-7]	• UN 1624		250 g	ME01700250
• Melting point: 280,7 °C			1 kg	ME01701000
		assay (complexometric).....	min. 99,5 %	

ME0250 Mercury(II) iodide, red, reagent grade, ACS



HgI₂		GHS information: Danger. H300 - H310 - H330 - H373 - H400 - H410 P301+P310 - P310 - P320 - P361 - P405 - P501a	Packaging	Code
• M = 454,40 g/mol	• Boiling point: 354 °C		50 g	ME02500050
• CAS [7774-29-0]	• UN 1638		250 g	ME02500250
• Melting point: 259 °C			1 kg	ME02501000
		assay (iodometric, on dried sample).....	min. 99 %	

ME0193 Mercury(I) nitrate dihydrate, reagent grade, ACS



Hg₂(NO₃)₂·2H₂O		GHS information: Danger. H300 - H310 - H330 - H373 - H400 - H410 P301+P310 - P310 - P320 - P361 - P405 - P501a	Packaging	Code
• M = 561,22 g/mol	• Melting point: 70 °C (decomposes)		100 g	ME01930100
• CAS [14836-60-3]	• UN 1627		250 g	ME01930250
Store below 25°C			1 kg	ME01931000
		assay (iodometric).....	min. 97 %	

ME0195 Mercury(II) nitrate monohydrate, reagent grade, Reag. Ph Eur



<i>Mercuric nitrate, Mercury pernitrate</i> Hg(NO₃)₂·H₂O		GHS information: Danger. H300 - H310 - H330 - H373 - H400 - H410 P301+P310 - P310 - P320 - P361 - P405 - P501a	Packaging	Code
• M = 342,62 g/mol	• Melting point: 79 °C (anhydrous substance)		100 g	ME01950100
• CAS [7783-34-8]	• UN 1625		250 g	ME01950250
		assay (complexometric).....	min. 99 %	

ME0197 Mercury(II) nitrate, solution 0,01 mol/l (0,02 N)



Hg(NO₃)₂		GHS information: Warning. H373 - H302 - H312 - H332 - H412 P260 - P261 - P280 - P322 - P301+P312 - P501a	Packaging	Code
• M = 216,59 g/mol	• Density: 1,007		1 l	ME01971000
• CAS [10045-94-0]	• UN 2024			

Store between 15°C and 25°C
Traceable to SRM from NIST

ME0214 Mercury(II) oxide, red, extra pure



HgO		GHS information: Danger. H300 - H310 - H330 - H373 - H400 - H410 P301+P310 - P310 - P320 - P361 - P405 - P501a	Packaging	Code
• M = 216,59 g/mol	• Melting point: > 400 °C (decomposes)		100 g	ME02140100
• CAS [21908-53-2]	• UN 1641		250 g	ME02140250
		assay (complexometric).....	min. 99 %	1 kg ME02141000

ME0215 Mercury(II) oxide, red, reagent grade, ACS



HgO

• M = 216,59 g/mol
• CAS [21908-53-2]

• Melting point: > 400 °C
(decomposes)
• UN 1641

GHS information: Danger.

H300 - H310 - H330 - H373 - H400 - H410
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code

50 g ME02150050
100 g ME02150100
250 g ME02150250

assay (complexometric)..... min. 99 %

ME0210 Mercury(II) oxide, yellow, extra pure



HgO

• M = 216,59 g/mol
• CAS [21908-53-2]

• Melting point: > 400 °C
(decomposes)
• UN 1641

GHS information: Danger.

H300 - H310 - H330 - H373 - H400 - H410
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code

100 g ME02100100
250 g ME02100250
1 kg ME02101000

assay (complexometric)..... min. 99 %

lumpy powder, orange

ME0213 Mercury(II) oxide, yellow, reagent grade, ACS, Reag. Ph Eur



HgO

• M = 216,59 g/mol
• CAS [21908-53-2]

• Melting point: > 400 °C
(decomposes)
• UN 1641

GHS information: Danger.

H300 - H310 - H330 - H373 - H400 - H410
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code

100 g ME02130100
250 g ME02130250
1 kg ME02131000

assay (complexometric)..... min. 99 %

lumpy powder, orange

ME0226 Mercury(II) sulfate, extra pure



Mercury bisulfate

HgSO₄

• M = 296,65 g/mol
• CAS [7783-35-9]

• UN 1645

GHS information: Danger.

H300 - H310 - H330 - H373 - H400 - H410
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code

100 g ME02260100
250 g ME02260250
1 kg ME02261000

assay (complexometric)..... min. 99 %

crystals, white or almost white

ME0227 Mercury(II) sulfate, reagent grade, ACS



Mercury bisulfate

HgSO₄

• M = 296,65 g/mol
• CAS [7783-35-9]

• UN 1645

GHS information: Danger.

H300 - H310 - H330 - H373 - H400 - H410
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code

100 g ME02270100
250 g ME02270250
1 kg ME02271000

assay (complexometric)..... min. 99 %
suitability for COD..... passes test

crystals, white or almost white

AM0055 Metanil yellow, C.I. 13065, indicator



3-(4-Anilinophenylazo)benzenesulfonic acid sodium salt, Acid yellow 36

C₁₈H₁₄N₃NaO₃S

• M = 375,38 g/mol

• CAS [587-98-4]

GHS information: Danger.

H318 - H312 - H332
P261 - P280 - P305+P351+P338 - P310 - P322 - P501a

Packaging Code

25 g AM00550025
100 g AM00550100

powder, yellowish

Methanoic acid. See Formic acid, 98 - 100% page 130

Metha

ME0300 Methanol, synthesis grade



Methyl alcohol, Carbinol, Methynol, Wood alcohol

CH₃OH

• M = 32,04 g/mol
• CAS [67-56-1]
• Density: 0,79

• Melting point: -98 °C
• Boiling point: 64,5 °C
• UN 1230

GHS information: Danger.
H225 - H301 - H311 - H331 - H370
P210 - P301+P310 - P303+P361+P353 - P361 - P405 -
P501a

Hygroscopic

assay (G.C.)..... min. 99,8 %

Store between 15°C and 25°C

Packaging	Code
1	ME03001000
5	ME0300005P
25	ME0300025P
25	ME0300025L
200	ME0300200L

ME0301 Methanol, extra pure, Ph Eur, NF



Methyl alcohol, Carbinol, Methynol, Wood alcohol

CH₃OH

• M = 32,04 g/mol
• CAS [67-56-1]
• Density: 0,79

• Melting point: -98 °C
• Boiling point: 64,5 °C
• UN 1230

GHS information: Danger.
H225 - H301 - H311 - H331 - H370
P210 - P301+P310 - P303+P361+P353 - P361 - P405 -
P501a

Hygroscopic

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,1 %
other residual solvents (Ph Eur/CH)..... excluded by
process production

Store between 15°C and 25°C

Packaging	Code
1	ME03011000
2,5	ME03012500
5	ME0301005P
5	ME0301005L
25	ME0301025P
25	ME0301025L
25	ME0301025S

ME0316 Methanol, analytical grade, ACS, Reag. Ph Eur, NF



Methyl alcohol, Carbinol, Methynol, Wood alcohol

CH₃OH

• M = 32,04 g/mol
• CAS [67-56-1]
• Density: 0,79

• Melting point: -98 °C
• Boiling point: 64,5 °C
• UN 1230

GHS information: Danger.
H225 - H301 - H311 - H331 - H370
P210 - P301+P310 - P303+P361+P353 - P361 - P405 -
P501a

Hygroscopic

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,07 %

Store between 15°C and 25°C

Packaging	Code
1	ME03161000
2,5	ME03162500
5	ME0316005P
7	ME0316007E
25	ME0316025P
25	ME0316025L
25	ME0316025S
25	ME0316185E

ME0302 Methanol, reagent grade, ACS, ISO, Reag. Ph Eur, packed in UHDPE bottles



Methyl alcohol, Carbinol, Methynol, Wood alcohol

CH₃OH

• M = 32,04 g/mol
• CAS [67-56-1]
• Density: 0,79

• Melting point: -98 °C
• Boiling point: 64,5 °C
• UN 1230

GHS information: Danger.
H225 - H301 - H311 - H331 - H370
P210 - P301+P310 - P303+P361+P353 - P361 - P405 -
P501a

Hygroscopic

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,05 %

Store between 15°C and 25°C

Packaging	Code
1	ME03021000
2,5	ME03022500
5	ME0302005P
25	ME0302025A
25	ME0302025S

ME0304 Methanol, dried (max. 0,005% H₂O), reagent grade (Karl Fischer)



Methyl alcohol, Carbinol, Methynol, Wood alcohol

CH₃OH

• M = 32,04 g/mol
• CAS [67-56-1]
• Density: 0,79

• Melting point: -98 °C
• Boiling point: 64,5 °C
• UN 1230

GHS information: Danger.
H225 - H301 - H311 - H331 - H370
P210 - P301+P310 - P303+P361+P353 - P361 - P405 -
P501a

Hygroscopic

assay (G.C.)..... min. 99,8 %
water (K.F.)..... max. 0,005 %

Store between 15°C and 25°C

Packaging	Code
1	ME03041000
2,5	ME03042500

ME0315 Methanol, Multisolvent® HPLC grade ACS ISO UV-VIS K.F.*Methyl alcohol, Carbinol, Methynol, Wood alcohol***CH₃OH**

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,03 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
207 nm.....	10 % 1,000 AU
220 nm.....	50 % 0,301 AU
232 nm.....	80 % 0,097 AU
242 nm.....	90 % 0,046 AU
260 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l	ME03151000
2,5 l	ME03152500
4 l	ME03154000
7 l	ME0315007E
25 l	ME0315025S

ME0305 Methanol, spectroscopy grade, Spectrosol®*Methyl alcohol, Carbinol, Methynol, Wood alcohol***CH₃OH**

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,03 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
207 nm.....	10 % 1,000 AU
220 nm.....	50 % 0,301 AU
232 nm.....	80 % 0,097 AU
242 nm.....	90 % 0,046 AU
260 nm.....	98 % 0,009 AU

Packaging Code

1 l	ME03051000
2,5 l	ME03052500

ME0310 Methanol, isocratic HPLC grade (254 nm)*Methyl alcohol, Carbinol, Methynol, Wood alcohol***CH₃OH**

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

assay (G.C.).....	min. 99,7 %
non-volatile matter.....	max. 0,0005 %
water (K.F.).....	max. 0,05 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
212 nm.....	20 % 0,699 AU
220 nm.....	50 % 0,301 AU
243 nm.....	90 % 0,046 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l	ME03101000
2,5 l	ME03102500
4 l	ME03104000
7 l	ME0310007E
25 l	ME031025S

Metha

ME0306 Methanol, supragradient HPLC grade



Methyl alcohol, Carbinol, Methynol, Wood alcohol

CH₃OH

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
gradient grade (235 nm)
maximum background absorbance..... 0,015 AU
maximum peak absorbance..... 0,0015 AU
min. transmission/max. absorbance
wavelength: T(%) A (AU)
205 nm..... 20 % 0,699 AU
215 nm..... 50 % 0,301 AU
240 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm
suitable for UPLC

Packaging Code

1 l ME03061000
2,5 l ME03062500
4 l ME03064000
7 l ME0306007E
25 l ME0306025S

ME0317 Methanol, fluorescence HPLC grade



Methyl alcohol, Carbinol, Methynol, Wood alcohol

CH₃OH

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
fluorescence analysis:
maximum absorbance: 1 ppb as quinine
(in 0,1 N sulfuric acid), for the spectra
recorded at the following conditions:
EX wavelength between 220 and 450
EM wavelength between 250 and 550
Microfiltered through membranes
of pore diameter 0,22 µm

Packaging Code

1 l ME03171000
2,5 l ME03172500

ME0326 Methanol, LC-MS



Methyl alcohol, Carbinol, Methynol, Wood alcohol

CH₃OH

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

assay (G.C.)..... min. 99,9 %
potassium (K)..... max. 0,00001 %
sodium (Na)..... max. 0,00001 %
non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,02 %
suitability for use in LC-MS..... passes test

Packaging Code

1 l ME03261000
2,5 l ME03262500

ME0318 Methanol, for GC residue analysis



Methyl alcohol, Carbinol, Methynol, Wood alcohol

CH₃OH

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,03 %
Suitability for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis

Packaging Code

1 l ME03181000
2,5 l ME03182500

ME0319 Methanol, GC ultra-trace analysis grade*Methyl alcohol, Carbinol, Methynol, Wood alcohol*

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

Packaging Code

1 l ME03191000

2,5 l ME03192500

Hygroscopic

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
 non-volatile matter..... max. 0,0001 %
 water (K.F.)..... max. 0,03 %
 Suitable for organohalogenated
 pesticide and dioxins, furans and PCBs
 residue analysis
 Suitable for highly volatile halogenated
 hydrocarbons trace analysis
 Suitable for pesticide and polycyclic
 aromatic hydrocarbons residue analysis:

ME0314 Methanol, 99,9%, anhydrous (max. 0,003 % H₂O)*Methyl alcohol, Carbinol, Methynol, Wood alcohol*

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

Packaging Code

100 ml ME03140100

500 ml ME03140500

1 l ME03141000

Hygroscopic

Store between 15°C and 25°C

water (K.F.)..... max. 0,003 %

ME0325 Methanol, 99,8%, anhydrous (max. 0,005 % H₂O), with molecular sieves*Methyl alcohol, Carbinol, Methynol, Wood alcohol*

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

Packaging Code

1 l ME03251000

Hygroscopic

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
 water (K.F.)..... max. 0,005 %

ME0307 Methanol, scintillation grade*Methyl alcohol, Carbinol, Methynol, Wood alcohol*

- M = 32,04 g/mol
- CAS [67-56-1]
- Density: 0,79

- Melting point: -98 °C
- Boiling point: 64,5 °C
- UN 1230

GHS information: Danger.

H225 - H301 - H311 - H331 - H370

P210 - P301+P310 - P303+P361+P353 - P361 - P405 -

P501a

Packaging Code

1 l ME03071000

Hygroscopic

Store between 15°C and 25°C

ME0312 Methanol-d₄, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®*Tetraduteromethanol*

- M = 36,07 g/mol
- CAS [811-98-3]
- Density: 0,89

- Melting point: -99 °C
- Boiling point: 65 °C
- UN 1230

GHS information: Danger.

H225 - H301 - H330

P301+P310 - P303+P361+P353 - P310 - P320 - P405 -

P501a

Packaging Code

x10x0,75 ME0312.750

10 ml ME03120010

Hygroscopic

Store between 15°C and 25°C

Metha

ME0313 Methanol-d4, deuteration degree min. 99,95%, NMR spectroscopy grade, Spectrosol®



Tetradeuteromethanol

CD₃OD

• M = 36,07 g/mol
• CAS [811-98-3]
• Density: 0,89

• Melting point: -99 °C
• Boiling point: 65 °C
• UN 1230

GHS information: Danger.
H225 - H301 - H330
P301+P310 - P303+P361+P353 - P310 - P320 - P405 - P501a

Packaging Code
x10x0,75 l ME0313.750
10 ml l ME03130010

Hygroscopic

Store between 15°C and 25°C

ME0329 Methanol with 0,1% acetic acid, LC-MS



• UN 1992

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.
H225 - H330 - H370
P210 - P303+P361+P353 - P310 - P320 - P405 - P501a

Packaging Code
1 l l ME03291000

acetic acid content (v/v)..... 0,093 - 0,107 %
suitability for use in LC-MS..... passes test

ME0330 Methanol with 0,1% ammonium acetate, LC-MS



• UN 1992

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.
H225 - H330 - H370
P210 - P303+P361+P353 - P310 - P320 - P405 - P501a

Packaging Code
1 l l ME03301000

ammonium acetate content (w/v)..... 0,093 - 0,107 %
suitability for use in LC-MS..... passes test

ME0327 Methanol with 0,1% trifluoroacetic acid, LC-MS



• Density: 0,79

• UN 1992

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.
H225 - H330 - H370
P210 - P303+P361+P353 - P310 - P320 - P405 - P501a

Packaging Code
1 l l ME03271000

trifluoroacetic acid content (v/v)..... 0,093 - 0,107 %
suitability for use in LC-MS..... passes test

ME0635 L-Methionine, extra pure, Ph Eur, BP, USP

2-Amino-4-(methylthio)butyric acid, Acimethin

C₉H₁₁NO₂S

• M = 149,21 g/mol
• CAS [63-68-3]

• Melting point: 280 - 285 °C

flakes, bright white

Store between 15°C and 25°C

assay (titr. with HClO₄, on dried substance)..... 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging Code
25 g p ME06350025
100 g p ME06350100

ME0645 p-Methoxyacetophenone, synthesis grade



4-Acetylanisole

C₉H₁₀O₂

• M = 150,18 g/mol
• CAS [100-06-1]

• Melting point: 36 - 38 °C
• Boiling point: 256 - 258 °C

GHS information: Warning.
H302 - H315
P280 - P321 - P362 - P301+P312 - P332+P313 - P501a

Packaging Code
250 g p ME06450250

Store between 15°C and 25°C

assay (G.C.) min. 99 %

AL0515 4-Methoxybenzaldehyde, extra pure*Anisaldehyde*

- M = 136,15 g/mol
- CAS [123-11-5]
- Density: (25 °C) 1,12

- Melting point: 0 - 2 °C
- Boiling point: 247 - 249 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (G.C.) min. 98 %

Packaging Code

250 ml AL05150250

1 l AL05151000

*Methoxybenzene. See Anisole page 30**2-Methoxyethanol. See Ethylene glycol monomethyl ether page 124**2-Methoxyphenol. See Guaiacol page 137***ME0665 1-Methoxy-2-propanol, synthesis grade***1,2-Propylene glycol 1-monomethyl ether*

- M = 90,12 g/mol
- CAS [107-98-2]
- Density: 0,92

- Melting point: -97 °C
- Boiling point: 120 °C
- UN 3092

GHS information: Warning.

H226

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

assay (G.C.) min. 99 %

Hygroscopic

Store between 15°C and 25°C

Packaging Code

1 l ME06651000

AC0207 Methyl acetate, synthesis grade*Acetic acid methyl ester*

- M = 74,08 g/mol
- CAS [79-20-9]
- Density: 0,93

- Melting point: -98 °C
- Boiling point: 56 - 58 °C
- UN 1261

GHS information: Danger.

H225 - H319 - H336 - EUH066

P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a

assay (G.C.) min. 99 %

Store between 15°C and 25°C

Packaging Code

1 l AC02071000

2,5 l AC02072500

ME0320 4-Methylacetophenone, synthesis grade*Methyl-4-acetophenone, Methyl p-tolyl ketone*

- M = 134,18 g/mol
- CAS [122-00-9]
- Density: 1,00

- Melting point: 28 °C
- Boiling point: 226 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (G.C.) min. 96 %

Packaging Code

250 ml ME03200250

1 ml ME03201000

*Methyl alcohol. See Methanol page 184***ME0350 Methylamine, solution 40% in water, synthesis grade***Aminomethane*

- M = 31,06 g/mol
- CAS [74-89-5]
- Density: 0,90

- Melting point: -38 °C
- Boiling point: 48 °C
- UN 1255

GHS information: Danger.

H224 - H318 - H332 - H335 - H336 - H315

P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

assay (acidimetric) approx. 40 %

Packaging Code

1 l ME03501000

2,5 l ME03502500

Store between 15°C and 25°C

Methy

ME0355 Methylammonium chloride, synthesis grade



Methylamine hydrochloride



- M = 67,52 g/mol
- CAS [593-51-1]

- Melting point: 228 - 231 °C (sublimes)
- Boiling point: (20 hPa) 225 - 230 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (argentometric)..... min. 99 %

Packaging Code

250 g  ME03550250

1 kg  ME03551000

Hygroscopic

Methylbenzene. See Toluene page 327

4-Methylbenzenesulfonic acid. See Toluene-4-sulfonic acid monohydrate page 330

BE0210 Methyl benzoate, pure



Benzoic acid methyl ester



- M = 136,15 g/mol
- CAS [93-58-3]
- Density: 1,09

- Melting point: -12 °C
- Boiling point: 198 - 200 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (G.C.)..... min. 99 %

Packaging Code

1 l  BE02101000

2,5 l  BE02102500

Store between 15°C and 25°C

3-Methyl-1-butanol. See Isoamyl alcohol page 160

2-Methyl-2-butenedioic acid. See Citraconic acid page 72

3-Methylbutyl acetate. See Isoamyl acetate page 160

Methyl tert-butyl ether. See tert-Butyl methyl ether page 53

ME0390 Methylcellulose, synthesis grade

Tylose

- CAS [9004-67-5]

powder, Slightly cream or beige

Store between 15°C and 25°C

assay min. 93 %

Packaging Code

250 g  ME03900250

1 kg  ME03901000

Methyl cyanide. See Acetonitrile page 8

DI0365 Methyl dichloroacetate, synthesis grade



Dichloroacetic acid methyl ester



- M = 142,97 g/mol
- CAS [116-54-1]
- Density: 1,38

- Melting point: -52 °C
- Boiling point: 142 - 145 °C
- UN 2299

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

assay (G.C.)..... min. 99 %

Packaging Code

250 ml  DI03650250

BI0090 N,N'-Methylene-bis-acrylamide, molecular biology grade*BIS, Diacrylamidomethane, N,N'-Methylenebis(acrylamide), MBA*

• M = 154,17 g/mol
• CAS [110-26-9]

• Melting point: > 300 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

25 g BI00900025

Store between 2°C and 8°C

assay (acidimetric, after saponification) min. 99,5 %
DNases, RNases, Proteases non detected

BI0091 N,N'-Methylene-bis-acrylamide, electrophoresis grade*BIS, Diacrylamidomethane, N,N'-Methylenebis(acrylamide), MBA*

• M = 154,17 g/mol
• CAS [110-26-9]

• Melting point: > 300 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

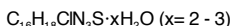
Packaging Code

10 g BI00910010

50 g BI00910050

Store between 2°C and 8°C

assay (acidimetric, after saponification) min. 99,5 %

AZ0203 Methylene blue, C.I. 52015, extra pure*3,7-Bis(dimethylamino)phenothiazinium chloride, Solvent blue 8, Methylthyoninium*

• M = 319,86 g/mol
• CAS [7220-79-3]

• Melting point: ~ 180 °C
(decomposes)

GHS information: Danger.

H301

P264 - P270 - P301+P310 - P321 - P405 - P501a

Packaging Code

25 g AZ02030025

100 g AZ02030100

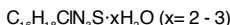
250 g AZ02030250

500 g AZ02030500

powder, dark red

assay (on dried sample)..... min. 99 %

Store between 5°C and 30°C

AZ0200 Methylene blue, C.I. 52015, for microscopy*3,7-Bis(dimethylamino)phenothiazinium chloride, Solvent blue 8, Methylthyoninium*

• M = 319,86 g/mol
• CAS [7220-79-3]

• Melting point: ~ 180 °C
(decomposes)

GHS information: Danger.

H301

P264 - P270 - P301+P310 - P321 - P405 - P501a

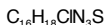
Packaging Code

25 g AZ02000025

100 g AZ02000100

powder, dark red

Store between 5°C and 30°C

AZ0206 Methylene blue, carbol solution, for microscopy

• M = 319,86 g/mol
• CAS [61-73-4]

• Density: 0,995

GHS information: Warning.

H315 - H319 - H341

P280 - P281 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

500 ml AZ02060500

2,5 l AZ02062500

*Methylene chloride. See Dichloromethane page 87***VE0110 Methylene green, C.I. 52020, for microscopy***Basic green 5*

• M = 364,85 g/mol

• CAS [2679-01-8]

GHS information: Warning.

H373 - H312 - H332

P260 - P261 - P280 - P322 - P304+P340 - P501a

Packaging Code

5 g VE01100005

Store between 15°C and 25°C

Methyl ethyl ketone. See Ethyl methyl ketone page 125

Methyl

Methyl glycol. See Ethylene glycol monomethyl ether page 124

VE0120 Methyl green, C.I. 42585, for microscopy



• M = 458,47 g/mol

• CAS [7114-03-6]

Store between 5°C and 30°C

Packaging Code

5 g VE01200005

25 g VE01200025

ME0478 Methyl 4-hydroxybenzoate, extra pure, Ph Eur, BP, NF

Methylparaben, 4-Hydroxybenzoic acid methyl ester, PHB-Ester



• M = 152,15 g/mol

• CAS [99-76-3]

• Melting point: 125 - 128 °C

• Boiling point: 270 - 280 °C

Store between 15°C and 25°C

assay (acidimetric, on
anhydrous substance)
residual solvents (Ph Eur/ICH).....

98 - 102 %
excluded by
production process

Packaging Code

100 g ME04780100

500 g ME04780500

ME0490 Methyl isobutyl ketone, synthesis grade



Isobutyl methyl ketone, 4-Methyl-2-pentanone, Isopropylacetone, Hexone, MIBK



• M = 100,16 g/mol

• CAS [108-10-1]

• Density: 0,80

• Melting point: -84 °C

• Boiling point: 116 - 118 °C

• UN 1245

GHS information: Danger.
H225 - H332 - H319 - H335
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

Packaging Code

1 l ME04901000

2,5 l ME04902500

5 l ME0490005L

25 l ME0490025A

ME0493 Methyl isobutyl ketone, reagent grade, ACS



Isobutyl methyl ketone, 4-Methyl-2-pentanone, Isopropylacetone, Hexone, MIBK



• M = 100,16 g/mol

• CAS [108-10-1]

• Density: 0,80

• Melting point: -84 °C

• Boiling point: 116 - 118 °C

• UN 1245

GHS information: Danger.
H225 - H332 - H319 - H335
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

5-Methyl-2-(1-methylethyl)phenol. See Thymol page 325

ME0514 2-Methylnaphthalene, synthesis grade



• M = 142,20 g/mol

• CAS [91-57-6]

• Melting point: 32 - 35 °C

• Boiling point: 242 °C

• UN 3077

GHS information: Warning.
H302 - H411
P273 - P264 - P270 - P301+P312 - P330 - P501a

assay (G.C.) min. 98 %

Packaging Code

250 g ME05140250

1 kg ME05141000

AN0073 Methyl orange, C.I. 13025, indicator, reagent grade, ACS



Helianthine, 4-Dimethylaminoazobenzene-4'-sulfonic acid sodium salt, Gold orange



• M = 327,34 g/mol

• CAS [547-58-0]

• UN 2811

GHS information: Danger.
H301
P264 - P270 - P301+P310 - P321 - P405 - P501a

powder, red

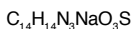
Store between 5°C and 30°C

Packaging Code

50 g AN00730050

100 g AN00730100

500 g AN00730500

AN0075 Methyl orange, solution 0,04%, indicator*Helianthine, 4- Dimethylaminoazobenzene-4'-sulfonic acid sodium salt, Gold orange*

• CAS [547-58-0]

• Density: ~ 1,0

Packaging Code100 ml  AN0075G100250 ml  AN00750250

Store between 15°C and 25°C

*Methylparaben. See Methyl 4-hydroxybenzoate page 192**2-Methyl-2,4-pentanediol. See Hexylene glycol page 146**4-Methyl-2-pentanone. See Methyl isobutyl ketone page 192**2-Methylphenol. See o-Cresol page 78**3-Methylphenol. See m-Cresol page 78**4-Methylphenol. See p-Cresol page 79**Methyl phenyl ether. See Anisole page 30**Methyl phenyl ketone. See Acetophenone page 12**2-Methyl-1-propanol. See Isobutanol page 161**2-Methyl-2-propanol. See tert-Butanol page 52***ME0494 1-Methyl-2-pyrrolidone**, synthesis grade*N-Methylpyrrolidone, N-Methyl-2-pyrrolidinone, NMP*• M = 99,13 g/mol
• CAS [872-50-4]
• Density: 1,03• Melting point: -24 °C
• Boiling point: 202 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Packaging Code1 l  ME049410002,5 l  ME049425005 l  ME0494005L25 l  ME0494025L

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

ME0495 1-Methyl-2-pyrrolidone, extra pure, Ph Eur, BP*N-Methylpyrrolidone, N-Methyl-2-pyrrolidinone, NMP*• M = 99,13 g/mol
• CAS [872-50-4]
• Density: 1,03• Melting point: -24 °C
• Boiling point: 202 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Packaging Code1 l  ME049510002,5 l  ME04952500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,1 %

Methy

ME0496 1-Methyl-2-pyrrolidone, reagent grade, ACS



N-Methylpyrrolidone, N-Methyl-2-pyrrolidinone, NMP



- M = 99,13 g/mol
- CAS [872-50-4]
- Density: 1,03

- Melting point: -24 °C
- Boiling point: 202 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

1 l ME04961000
2,5 l ME04962500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,05 %

ME0503 1-Methyl-2-pyrrolidone, GC head space grade



N-Methylpyrrolidone, N-Methyl-2-pyrrolidinone, NMP



- M = 99,13 g/mol
- CAS [872-50-4]
- Density: 1,03

- Melting point: -24 °C
- Boiling point: 202 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

1 l ME05031000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,99 %
water (K.F.)..... max. 0,03 %
Packed under inert gas
Suitable for residual solvents analysis:

ME0498 1-Methyl-2-pyrrolidone, 99,5%, anhydrous (max. 0,005 % H₂O)



N-Methylpyrrolidone, N-Methyl-2-pyrrolidinone, NMP



- M = 99,13 g/mol
- CAS [872-50-4]
- Density: 1,03

- Melting point: -24 °C
- Boiling point: 202 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

100 ml ME04980100
500 ml ME04980500
1 l ME04981000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

ME0502 1-Methyl-2-pyrrolidone, 99,5%, anhydrous (max. 0,005 % H₂O), with molecular sieves



N-Methylpyrrolidone, N-Methyl-2-pyrrolidinone, NMP



- M = 99,13 g/mol
- CAS [872-50-4]
- Density: 1,03

- Melting point: -24 °C
- Boiling point: 202 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

1 l ME05021000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

ME0590 1-Methyl-2-pyrrolidone, peptide synthesis grade



N-Methylpyrrolidone, N-Methyl-2-pyrrolidinone, NMP



- M = 99,13 g/mol
- CAS [872-50-4]
- Density: 1,03

- Melting point: -24 °C
- Boiling point: 202 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

1 l ME05901000
2,5 l ME05902500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

RO0150 Methyl red, C.I. 13020, indicator

2-[(4-Dimethylamino)phenylazo]benzoic acid



- M = 269,31 g/mol
- CAS [493-52-7]

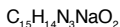
- Melting point: 178 - 182 °C

Packaging Code

10 g RO01500010
100 g RO01500100

powder, dark red

Store between 5°C and 30°C

RO0155 Methyl red, sodium salt, C.I. 13020, indicator, soluble in water*2-[(4-Dimethylamino)phenylazo]benzoic acid sodium salt*

• M = 291,29 g/mol

• CAS [845-10-3]

polvo, brown-yellowish

Store between 5°C and 30°C

Packaging Code

10 g RO01550010

25 g RO01550025

100 g RO01550100

RE0057 Methyl red, solution 2%, for microscopy*2-[(4-Dimethylamino)phenylazo]benzoic acid*

• M = 269,31 g/mol

• CAS [493-52-7]

• Density: 0,90

• UN 1993

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 -

P501a

Packaging Code

100 ml RE0057G100

1 l RE00571000

RO0156 Methyl red, solution 0,1%, indicator*2-[(4-Dimethylamino)phenylazo]benzoic acid*

• M = 269,31 g/mol

• CAS [493-52-7]

• Density: 0,93

• UN 1993

GHS information: Warning.

H226

P210 - P240 - P241 - P280 - P303+P361+P353 -

P501a

Packaging Code

100 ml RO01560100

Store between 15°C and 25°C

SA0180 Methyl salicylate, extra pure, Ph Eur, NF*Wintergreen oil synthetic*

• M = 152,15 g/mol

• CAS [119-36-8]

• Density: 1,18

• Melting point: -8 °C

• Boiling point: 224 °C

GHS information: Warning.

H302 - H319

P280 - P264 - P305+P351+P338 - P301+P312 -

P337+P313 - P501a

Packaging Code

1 l SA01801000

Store between 15°C and 25°C

assay (acidimetric).....

other residual solvents (Ph Eur/ICH).....

99 - 100,5 %

excluded by
process production**AZ0205 Methylthymol blue, tetrasodium salt, indicator***3,3'-Bis[N,N-di(carboxymethyl)aminomethyl]thymolsulfonephthalein, sodium salt; MTB*

• M = 844,76 g/mol

• CAS [1945-77-3]

Packaging Code

1 g AZ02050001

5 g AZ02050005

Store between 5°C and 30°C

VI0070 Methyl violet, C.I. 42535, for microscopy*Methylrosaniline*

• CAS [8004-87-3]

• UN 3077

GHS information: Danger.

H318 - H351 - H400 - H410 - H302

P280 - P281 - P305+P351+P338 - P310 - P405 -

P501a

Packaging Code

25 g VI00700025

100 g VI00700100

250 g VI00700250

Store between 5°C and 30°C

Methyl yellow. See 4-(Dimethylamino)-azobenzene page 97

RE0040 Millon's reagent



• Density: 1,358	• UN 2024	GHS information: Danger. H300 - H310 - H330 - H314 - H373 - H400 - H410 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a -	Packaging Code 100 ml RE00400100
suitability for determination of tyrosine, phenol and albuminoids passes test			

IN0040 Mixed indicator I, for determination of sulfurous gas (SO₂) according to Paul



• Density: ~ 0,93	• UN 1993	GHS information: Warning. H226 P210 - P241 - P280 - P240 - P303+P361+P353 - P501a	Packaging Code 100 ml IN0040G100
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ME0518 Mixture acetone/methanol, 20:80 v/v, bleaching agent for Gram stain



• Density: 0,79	• UN 1992	GHS information: Danger. H225 - H332 - H319 - H370 P210 - P241 - P303+P361+P353 - P305+P351+P338 - P405 - P501a	Packaging Code 1 l ME05181000
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ME0505 Mixture acetone/methanol, 50:50 w/w



• UN 1992	GHS information: Danger. H225 - H330 - H319 - H370 P303+P361+P353 - P305+P351+P338 - P310 - P320 - P405 - P501a	Packaging Code 1 l ME05051000 25 l ME0505025S
Hygroscopic Store between 15°C and 25°C		

ME0512 Mixture o-cresol/dichloromethane, 70:30 v/v



• Density: 1,13	• UN 2927	GHS information: Danger. H301 - H312 - H314 - H351 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	Packaging Code 1 kg  ME05121000 2,5 kg  ME05122500
Store between 15°C and 25°C			

ME0500 Mixture ethyl acetate/cyclohexane, 1:1 v/v, for GC residue analysis



• Density: 0,83	• UN 1992	GHS information: Danger. H225 - H315 - H319 - H336 - H304 - H400 - H410 P210 - P301+P310 - P303+P361+P353 - P305+P351+P338 - P405 - P501a	Packaging Code 1 l ME05001000 2,5 l ME05002500
Store between 15°C and 25°C			

non volatile-matter..... max. 0,0001 %
water (K.F.)..... max. 0,02 %
Suitability for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis

ME0605 Mixture n-hexane/tert-butyl methyl ether, 80:20 v/v, reagent grade



Density: ~ 0,67	• UN 1992	GHS information: Danger. H225 - H315 - H361f - H336 - H373 - H304 - H411 P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a	Packaging Code 1 l  ME06051000 2,5 l  ME06052500
Store between 15°C and 25°C			

ME0710 Mixture phenol/1,2-dichlorobenzene, 1:1 w/w, extra pure


• Density: 1,17

• UN 2927

Hygroscopic

GHS information: Danger.

H302 - H311 - H330 - H314 - H341 - H335 - H373 -

H400 - H410

P303+P361+P353 - P305+P351+P338 - P310 - P320 -

P361 - P405 - P501a

Packaging Code

1 kg ME07101000

5 kg ME0710005P

ME0720 Mixture phenol/trichlorophenol, 10:7 w/w


• Density: 1,24

• UN 2810

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H302 - H312 - H331 - H314 - H341 - H351 - H373 -

H400 - H410

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 kg ME07201000

5 kg ME0720005P

ME0797 Mixture 2-propanol/water, 50:50 (v/v), for cleaning purposes, LC-MS


• UN 1993

GHS information: Danger.

H225 - H319 - H336

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a -

Packaging Code

1 l ME07971000

Hygroscopic

Store between 5°C and 30°C

ME0790 Mixture T.A.N. (toluene/isopropyl alcohol/water), according to ASTM D974


• Density: 0,81

• UN 1993

Hygroscopic

Store between 5°C and 30°C

GHS information: Danger.

H225 - H315 - H319 - H361 - H336 - H373 - H304

P210 - P301+P310 - P303+P361+P353 -

P305+P351+P338 - P405 - P501a

Packaging Code

1 l ME07901000

25 l ME0790025S

ME0513 Mixture T.B.N. : chlorobenzene/acetic acid, 2:1 v/v, according to ASTM D974, extra pure


• Density: 1,08

• UN 3265

Store between 15°C and 25°C

GHS information: Danger.

H226 - H332 - H314 - H411 - EUH209A

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a -

Packaging Code

1 l ME05131000

25 l ME0513025A

ME0515 Mixture T.B.N. : chlorobenzene/acetic acid, 2:1 v/v, according to ASTM D2896, reagent grade


• Density: 1,08

• UN 3265

Store between 15°C and 25°C

GHS information: Danger.

H226 - H332 - H314 - H411 - EUH209A

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a -

Packaging Code

1 l ME05151000

7 l ME0515007E

ME0516 Mixture T.B.N., according to ASTM D4739


• Density: 1,04

• UN 1992

Store between 15°C and 25°C

GHS information: Danger.

H225 - H304 - H351 - H361d - H373 - H302 - H315 -

H319 - H336

P210 - P301+P310 - P303+P361+P353 -

P305+P351+P338 - P405 - P501a

Packaging Code

25 l ME0516025P

ME0795 Mixture toluene/methanol, 2:1 v/v, neutral


• Density: 0,84

• UN 1992

Store between 15°C and 25°C

GHS information: Danger.

H225 - H331 - H315 - H361d - H370 - H373 - H304

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l ME07951000

25 l ME0795025A

Mohr's salt . See Ammonium iron(II) sulfate hexahydrate page 26

TA0140 Molecular sieve 3 Å, pearl-shaped, 2 - 3 mm

Sodium aluminium silicate	GHS information: EUH210	Packaging	Code
		250 g	TA01400250
		1 kg	TA01401000

TA0141 Molecular sieve 4 Å, pearl-shaped, 2 - 3 mm

Sodium aluminium silicate	GHS information: EUH210	Packaging	Code
		250 g	TA01410250
		1 kg	TA01411000

TA0142 Molecular sieve 5 Å, pearl-shaped, 2 - 3 mm

Sodium aluminium silicate	GHS information: EUH210	Packaging	Code
		1 kg	TA01421000

MO0025 Molybdenum, powder, synthesis grade

Mo		Packaging	Code
• M = 95,94 g/mol	• Melting point: ~ 2620 °C	100 g	MO00250100
• CAS [7439-98-7]			
assay	min. 99 %		

MO0050 Molybdenum(VI) oxide, extra pure



Molybdic acid anhydride, Molybdenum trioxide	GHS information: Warning.	Packaging	Code
MoO ₃	H373 - H319 - H335	250 g	MO00500250
• M = 143,94 g/mol	P260 - P261 - P280 - P305+P351+P338 - P405 - P501a	1 kg	MO00501000
• CAS [1313-27-5]			
• Boiling point: 1155 °C			
• UN 3288			
• Melting point: 795 °C			
assay (complexometric).....	min. 99 %		

MO0065 Molybdenum(IV) sulfide, synthesis grade

Molybdenum disulfide		Packaging	Code
MoS ₂		250 g	MO00650250
• M = 160,06 g/mol	• Melting point: 2375 °C		
• CAS [1317-33-5]			
assay	min. 99 %		

Molybdenum disulfide. See Molybdenum(VI) oxide page 198

Molybdic acid anhydride. See Molybdenum(VI) oxide page 198

Monobuf, buffer solutions for pH-meter calibration. See Buffer solutions for pH-meter calibration, MONOBUF, page 49

MO0070 MOPS, molecular biology grade



3-(N-Morpholino)propanesulfonic acid



• M = 209,26 g/mol
• CAS [1132-61-2]

• Melting point: 277 - 282 °C

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

100 g MO00700100

500 g MO00700500

Store between 15°C and 25°C

assay (potentiometric) min. 99 %
DNases, RNases, Proteases non detected

3-(N-Morpholino)propanesulfonic acid. See MOPS page 199

MTBE. See tert-Butyl methyl ether page 53

MU0020 Murexide, indicator for metal titration

Ammonium purpurate, acid



• M = 284,19 g/mol

• CAS [3051-09-0]

Packaging Code

5 g MU00200005

25 g MU00200025

crystalline powder, brown-reddish

AC1477 Myristic acid, synthesis grade

Tetradecanoic acid



• M = 228,38 g/mol
• CAS [544-63-8]

• Melting point: 51 - 54 °C
• Boiling point: (133 hPa) 250 °C

Packaging Code

1 kg AC14771000

Store between 15°C and 25°C

assay (G.C.) min. 98 %

AC1482 Myristic acid, extra pure, Reag. Ph Eur

Tetradecanoic acid



• M = 228,38 g/mol
• CAS [544-63-8]

• Melting point: 51 - 54 °C
• Boiling point: (133 hPa) 250 °C

Packaging Code

100 g AC14820100

Store between 15°C and 25°C

assay (G.C.) min. 98 %
sulfated ash max. 0,05 %

Myristyl alcohol. See 1-Tetradecanol page 320

NA0024 Naphthalene, pellets approx. 3 - 4 mm, synthesis grade



Naphthalin



• M = 128,16 g/mol
• CAS [91-20-3]
• Melting point: 79 - 82 °C

• Boiling point: 218 °C
• UN 1334

GHS information: Warning.

H351 - H400 - H410 - H302

P281 - P273 - P301+P312 - P308+P313 - P405 - P501a

Packaging Code

500 g NA00240500

1 kg NA00241000

5 kg NA0024005P

25 kg NA0024025P

flakes, white or almost white

assay (G.C.) min. 99 %

Store between 15°C and 25°C

Napht

NA0026 Naphthalene, pellets approx. 3 - 4 mm, reagent grade



Naphthalin



- M = 128,16 g/mol
- CAS [91-20-3]
- Melting point: 79 - 82 °C
- Boiling point: 218 °C
- UN 1334

GHS information: Warning.
H351 - H400 - H410 - H302
P281 - P273 - P301+P312 - P308+P313 - P405 - P501a

Packaging Code
250 g NA00260250
1 kg NA00261000

flakes, white or almost white
Store between 15°C and 25°C
assay (G.C.) min. 99,5 %

Naphthalin. See Naphthalene page 199

NA0110 1-Naphthol, synthesis grade



1-Hydroxynaphthalene



- M = 144,17 g/mol
- CAS [90-15-3]
- Melting point: 95 - 97 °C
- Boiling point: ~ 288 °C

GHS information: Danger.
H318 - H302 - H312 - H335 - H315
P261 - P305+P351+P338 - P310 - P321 - P405 - P501a

Packaging Code
250 g NA01100250
1 kg NA01101000

Store between 15°C and 25°C
assay (G.C.) min. 99 %

NA0112 1-Naphthol, reagent grade, Reag. Ph Eur



1-Hydroxynaphthalene



- M = 144,17 g/mol
- CAS [90-15-3]
- Melting point: 95 - 97 °C
- Boiling point: ~ 288 °C

GHS information: Danger.
H318 - H302 - H312 - H335 - H315
P261 - P305+P351+P338 - P310 - P321 - P405 - P501a

Packaging Code
250 g NA01120250

Store between 15°C and 25°C
assay (G.C.) min. 99 %
water (K.F.) max. 0,2 %

NA0116 2-Naphthol, synthesis grade



2-Hydroxynaphthalene



- M = 144,17 g/mol
- CAS [135-19-3]
- Melting point: 121,6 °C
- Boiling point: 285 °C
- UN 3077

GHS information: Warning.
H400 - H302 - H332
P261 - P273 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code
250 g NA01160250
1 kg NA01161000

Store between 15°C and 25°C
assay (G.C.) min. 99 %

NA0117 2-Naphthol, reagent grade



2-Hydroxynaphthalene



- M = 144,17 g/mol
- CAS [135-19-3]
- Melting point: 121,6 °C
- Boiling point: 285 °C
- UN 3077

GHS information: Warning.
H400 - H302 - H332
P261 - P273 - P301+P312 - P304+P340 - P312 - P501a

Packaging Code
100 g NA01170100

Store between 15°C and 25°C
assay (G.C.) min. 99 %
water (K.F.) max. 0,2 %

Naphthol blue black. See Amido black 10 B, C.I. 20470 page 18

NA0135 1-Naphtholphthalein, indicator

3,3-Bis(4-hydroxynaphthalenyl)-1(3H)-isobenzofuranone, p- α -Naphtholphthalein



- M = 418,45 g/mol
- Melting point: 253 - 255 °C
- CAS [596-01-0]

Store between 15°C and 25°C

Packaging Code
1 g NA01350001
5 g NA01350005

NA0047 1-Naphthylamine, synthesis grade



1-Aminonaphthalene



- M = 143,19 g/mol
- Boiling point: (16 hPa) 160 °C
- CAS [134-32-7]
- Melting point: 48 - 50 °C
- UN 2077

GHS information: Warning.
H302 - H411
P273 - P264 - P270 - P301+P312 - P330 - P501a

assay (G.C.)..... min. 99 %

Packaging Code
1 kg NA00471000

Store between 15°C and 25°C

RE0050 Nessler's reagent



- Density: 1,16
- UN 2024

GHS information: Danger.
H302 - H312 - H330 - H314 - H373 - H411
P303+P361+P353 - P305+P351+P338 - P310 - P320 - P405 - P501a

Packaging Code
250 ml RE00500250

RE0015 Neutral detergent fibre reagent, NDF according to Van Soest



- Density: 1,016

GHS information: Danger.
H360 - EUH210
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
1 l RE00151000
5 l RE0015005P

RO0190 Neutral red, C.I. 50040, for microscopy and indicator



Toluylene red, Basic Red 5



- M = 288,78 g/mol
- CAS [553-24-2]

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

Packaging Code
10 g RO01900010
25 g RO01900025
100 g RO01900100

powder, dark green

Store between 15°C and 25°C

RO0191 Neutral red, solution 0,1%, indicator



- M = 288,78 g/mol
- CAS [553-24-2]

GHS information: Warning.
H226
P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code
100 ml RO01910100

Store between 15°C and 25°C

Niacin. See Nicotinic acid page 203

NI0130 Nickel, powder, synthesis grade



Ni

- M = 58,71 g/mol
- Melting point: 1453 °C
- CAS [7440-02-0]
- Boiling point: 2832 °C

GHS information: Warning.
H351 - H317
P261 - P280 - P281 - P321 - P405 - P501a

Packaging Code
250 g NI01300250
1 kg NI01301000

assay min. 99,8 %

Nicke

NI0132 Nickel, powder, extra pure



Ni

• M = 58,71 g/mol
• CAS [7440-02-0]

• Melting point: 1453 °C
• Boiling point: 2832 °C

GHS information: Warning.
H351 - H317
P261 - P280 - P281 - P321 - P405 - P501a

assay min. 99,8 %
sulphur (S) max. 0,001 %

Packaging Code

250 g NI01320250

1 kg NI01321000

AL0685 Nickel-Aluminium alloy, powder, according to Raney



Aluminium-nickel alloy

AlNi

• M = 85,67 g/mol
• CAS [12003-78-0]

• UN 3089

GHS information: Danger.
H260 - H317 - H351
P261 - P280 - P301+P310 - P321 - P405 - P501a

powder, bright grey

Store between 15°C and 25°C

Packaging Code

250 g AL06850250

1 kg AL06851000

NI0138 Nickel(II) chloride hexahydrate, extra pure



Nickel dichloride hexahydrate

NiCl₂·6H₂O

• M = 237,71 g/mol
• CAS [7791-20-0]

• Melting point: 140 °C (release of crystalline water)
• UN 3288

GHS information: Danger.
H301 - H400 - H410 - H317
P261 - P280 - P301+P310 - P321 - P405 - P501a

assay (complexometric) min. 98 %

Packaging Code

250 g NI01380250

1 kg NI01381000

5 kg NI0138005P

NI0139 Nickel(II) chloride hexahydrate, reagent grade



Nickel dichloride hexahydrate

NiCl₂·6H₂O

• M = 237,71 g/mol
• CAS [7791-20-0]

• Melting point: 140 °C (release of crystalline water)
• UN 3288

GHS information: Danger.
H301 - H400 - H410 - H317
P261 - P280 - P301+P310 - P321 - P405 - P501a

assay (complexometric) min. 98,5 %

Packaging Code

250 g NI01390250

1 kg NI01391000

5 kg NI0139005P

NI0150 Nickel(II) nitrate hexahydrate, extra pure



Ni(NO₃)₂·6H₂O

• M = 290,81 g/mol
• CAS [13478-00-7]

• Melting point: 56,7 °C
• UN 2725

GHS information: Danger.
H272 - H302 - H317
P221 - P210 - P220 - P261 - P321 - P501a

Hygroscopic

assay (complexometric) min. 98 %

Packaging Code

250 g NI01500250

1 kg NI01501000

5 kg NI0150005P

25 kg NI0150025P

NI0170 Nickel(II) oxide, extra pure



NiO

• M = 74,71 g/mol
• CAS [1313-99-1]

• Melting point: 1990 °C

GHS information: Danger.
H350i - H317 - H413
P261 - P280 - P281 - P321 - P405 - P501a

assay (as Ni) (complexometric) min. 75 %

Packaging Code

250 g NI01700250

1 kg NI01701000

5 kg NI0170005P

NI0179 Nickel(II) sulfate hexahydrate, extra pure



NiSO₄·6H₂O

• M = 262,86 g/mol
• CAS [10101-97-0]

• Melting point: 53 °C
• UN 3077

GHS information: Danger.
H334 - H351 - H400 - H410 - H302 - H317
P285 - P261 - P280 - P321 - P405 - P501a

crystals, green

assay (complexometric) 98 - 102 %

Packaging Code

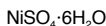
250 g NI01790250

1 kg NI01791000

5 kg NI0179005P

25 kg NI0179025P

NI0180 Nickel(II) sulfate hexahydrate, reagent grade, ACS



- M = 262,86 g/mol
- CAS [10101-97-0]

- Melting point: 53 °C
- UN 3077

crystals, green

GHS information: Danger.

H334 - H351 - H400 - H410 - H302 - H317
P285 - P261 - P280 - P321 - P405 - P501a

assay (complexometric)..... 99 - 102 %

Packaging Code

250 g NI01800250
1 kg NI01801000
5 kg NI0180005P

NI0035 Nicotinamide, extra pure



Niacinamide, 3-Pyridinecarboxamide



- M = 122,13 g/mol
- CAS [98-92-0]

- Melting point: 128 - 131 °C (sublimes)
- Boiling point: (0,0007 hPa) 150 - 160 °C

Store between 15°C and 25°C

GHS information: Warning.

H319
P280 - P264 - P305+P351+P338 - P337+P313

assay (titr. with HClO_4 , on dried substance) 99 - 101 %

Packaging Code

100 g NI00350100

NI0020 Nicotine, synthesis grade



3-(1-Methyl-2-pyrrolidiny)pyridine



- M = 162,24 g/mol
- CAS [54-11-5]
- Density: 1,01

- Melting point: -79 °C
- Boiling point: 246 °C
- UN 1654

Hygroscopic

Store between 15°C and 25°C

GHS information: Danger.

H301 - H310 - H411
P301+P310 - P310 - P361 - P321 - P405 - P501a

assay (G.C.)..... min. 97 %

Packaging Code

100 ml NI00200100

AC1590 Nicotinic acid, extra pure, Ph Eur, BP, USP



Niacin, 3-Pyridinecarboxylic acid



- M = 123,12 g/mol
- CAS [59-67-6]

- Melting point: 236,6 °C

floury powder, white

Store between 15°C and 25°C

GHS information: Warning.

H319
P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric, on dried substance) 99,5 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging Code

1 kg AC15901000

NI0062 Nigrosine, water soluble, C.I. 50420, for microscopy

- CAS [101357-32-8]

powder, black

Store between 15°C and 25°C

Packaging Code

50 g NI00620050

AC1600 Nitric acid, min. 69,5%, reagent grade, ACS, ISO



- M = 63,01 g/mol
- CAS [7697-37-2]
- Density: 1,41

- Melting point: -41 °C
- Boiling point: 122 °C
- UN 2031

Store below 25°C

GHS information: Danger.

H272 - H314
P221 - P303+P361+P533 - P305+P351+P338 - P310 - P405 - P501a

assay (acidimetric)..... min. 69,5 %

Packaging Code

1 l AC16001000
1 l AC16001001
2,5 l AC16002500
2,5 l AC16002501

AC1607 Nitric Acid, min. 69,5%, reagent grade, ACS, ISO, max. 0,0000005% Hg



- M = 63,01 g/mol
- CAS [7697-37-2]
- Density: 1,41

- Melting point: -41 °C
- Boiling point: 122 °C
- UN 2031

Store below 25°C

GHS information: Danger.

H272 - H314
P221 - P303+P361+P533 - P305+P351+P338 - P310 - P405 - P501a

assay (acidimetric)..... min. 69,5 %

Packaging Code

1 l AC16071000
2,5 l AC16072500

AC1614 Nitric acid, 69%, ppb-trace analysis grade



HNO ₃		GHS information: Danger.		Packaging	Code
• M = 63,01 g/mol • CAS [7697-37-2] • Density: 1,41	• Melting point: -41 °C • Boiling point: 122 °C • UN 2031	H272 - H314		2,5 l	AC16142500
		P221 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a			
Store below 25°C		assay (acidimetric).....		min. 69 %	

AC1599 Nitric Acid, solution 65% w/w, extra pure



HNO ₃		GHS information: Danger.	Packaging	Code
• M = 63,01 g/mol • CAS [7697-37-2] • Density: 1,41	• Melting point: ~ -32 °C • Boiling point: 122 °C • UN 2031	H272 - H314	1 l 	AC15991000
		P221 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	2,5 l 	AC15992500
			5 l 	AC1599005P
			25 l 	AC1599025P
Store below 25°C		calcination residue (as SO ₄) max. 0,0005 %		

AC1601 Nitric Acid, solution min. 65% w/w, reagent grade, ISO, Ph Eur, for determinations with dithizone



HNO ₃		GHS information: Danger.	Packaging	Code
• M = 63,01 g/mol • CAS [7697-37-2] • Density: 1,41	• Melting point: ~ -32 °C • Boiling point: 122 °C • UN 2031	H272 - H314	1 l 	AC16011000
		P221 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	1 l 	AC16011001
			2,5 l 	AC16012500
			2,5 l 	AC16012501
Store below 25°C		assay (acidimetric)..... min. 65 %	5 l 	AC1601005P
			25 l 	AC1601025P

AC1605 Nitric Acid, solution min. 65% w/w, reagent grade, ISO, max. 0,0000005% Hg



HNO ₃		GHS information: Danger.	Packaging	Code
• M = 63,01 g/mol • CAS [7697-37-2] • Density: 1,41	• Melting point: ~ -32 °C • Boiling point: 122 °C • UN 2031	H272 - H314	1 l	AC16051000
		P221 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	2,5 l	AC16052500
Store below 25°C		assay (acidimetric).....	min. 65 %	

AC1613 Nitric acid, solution 65% w/w, ppb-trace analysis grade



HNO ₃		GHS information: Danger.	Packaging	Code
• M = 63,01 g/mol • CAS [7697-37-2] • Density: 1,41	• Melting point: ~ -32 °C • Boiling point: 122 °C • UN 2031	H272 - H314	1 l	AC16131000
		P221 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a		
Store below 25°C		assay (acidimetric).....	min. 65 %	

AC1598 Nitric Acid, solution 60% w/w, extra pure



HNO ₃		GHS information: Danger.	Packaging	Code
• M = 63,01 g/mol • CAS [7697-37-2] • Density: 1,37	• Melting point: -22 °C • Boiling point: ~ 120 °C • UN 2031	H272 - H314	1 l 	AC15981000
		P221 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	2,5 l 	AC15982500
			5 l 	AC1598005P
			25 l 	AC1598025P
Store below 25°C		non-volatile matter.....	max. 0,001 %	

AC1602 Nitric acid, solution min. 60% w/w, reagent grade, ISO



HNO ₃		GHS information: Danger.	Packaging	Code
• M = 63,01 g/mol • CAS [7697-37-2] • Density: 1,37	• Melting point: -22 °C • Boiling point: ~ 120 °C • UN 2031	H272 - H314	1 l 	AC16021000
		P221 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	2,5 l 	AC16022500
			5 l 	AC1602005P
			25 l 	AC1602025P
Store below 25°C		assay (acidimetric)..... min. 60 %		

AC1604 Nitric Acid, solution min. 60% w/w, reagent grade, ISO, max.
0,0000005% Hg**HNO₃**

- M = 63,01 g/mol
- CAS [7697-37-2]
- Density: 1,37

- Melting point: -22 °C
- Boiling point: ~ 120 °C
- UN 2031

GHS information: Danger.

H272 - H314
P221 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a**Packaging Code**1 l AC16041000
2,5 l AC16042500

Store below 25°C

assay (acidimetric)..... min. 60 %

AC1612 Nitric acid, solution 2 mol/l (2 N)**HNO₃**

- M = 63,01 g/mol
- CAS [7697-37-2]

- Density: ~ 1,07
- UN 2031

GHS information: Danger.

H272 - H314
P221 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a**Packaging Code**

1 l AC16121000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC1610 Nitric acid, solution 1 mol/l (1 N)**HNO₃**

- M = 63,01 g/mol
- CAS [7697-37-2]
- Density: 1,036

- Melting point: ~ -4 °C
- Boiling point: ~ 101 °C
- UN 2031

GHS information: Danger.

H272 - H314
P221 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a**Packaging Code**

1 l AC16101000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC1615 Nitric acid, solution 0,5 mol/l (0,5 N)**HNO₃**

- M = 63,01 g/mol
- CAS [7697-37-2]

- Density: 1,02
- UN 2031

GHS information: Warning.

H315
P280 - P264 - P321 - P362 - P332+P313 - P302+P352**Packaging Code**

1 l AC16151000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC1611 Nitric acid, solution 0,1 mol/l (0,1 N)**HNO₃**

- M = 63,01 g/mol
- CAS [7697-37-2]

- Density: ~ 1,002

Packaging Code

1 l AC16111000

Store between 15°C and 25°C

Traceable to SRM from NIST

NI0222 2-Nitroaniline, synthesis grade*o*-Nitroaniline**C₆H₆N₂O₂**

- M = 138,13 g/mol
- CAS [88-74-4]
- Melting point: 68 - 71 °C

- Boiling point: 284 °C
- UN 1661

GHS information: Danger.

H301 - H311 - H331 - H373 - H412
P260 - P301+P310 - P361 - P321 - P405 - P501a**Packaging Code**

100 g NI02220100

assay (G.C.)..... min. 99 %

flakes, orange

Nitro

NI0225 3-Nitroaniline, synthesis grade



m-Nitroaniline



- M = 138,13 g/mol
- CAS [99-09-2]
- Melting point: 109 - 112 °C
- Boiling point: 306 °C
- UN 1661

GHS information: Danger.
H301 - H311 - H331 - H373 - H412
P260 - P301+P310 - P361 - P321 - P405 - P501a

assay (G.C.)..... min. 99 %

crystals, ochre or light orange

Store between 15°C and 25°C

Packaging Code
250 g NI02250250

NI0230 4-Nitroaniline, synthesis grade



p-Nitroaniline



- M = 138,12 g/mol
- CAS [100-01-6]
- Melting point: 148 °C
- Boiling point: (133 hPa) 142 °C
- UN 1661

GHS information: Danger.
H301 - H311 - H331 - H373 - H412
P260 - P301+P310 - P361 - P321 - P405 - P501a

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

Packaging Code
500 g NI02300500

NI0270 Nitrobenzene, extra pure



Nitrobenzol, Essence of mirbane



- M = 123,11 g/mol
- CAS [98-95-3]
- Density: 1,20
- Melting point: 6,0 °C
- Boiling point: 211 °C
- UN 1662

GHS information: Danger.
H301 - H311 - H331 - H372 - H351 - H361f - H411
P260 - P301+P310 - P361 - P321 - P405 - P501a

assay (G.C.)..... min. 99 %

Packaging Code
1 l NI02701000
2,5 l NI02702500

NI0273 Nitrobenzene, reagent grade, ACS, Reag. Ph Eur



Nitrobenzol, Essence of mirbane



- M = 123,11 g/mol
- CAS [98-95-3]
- Density: 1,20
- Melting point: 6,0 °C
- Boiling point: 211 °C
- UN 1662

GHS information: Danger.
H301 - H311 - H331 - H372 - H351 - H361f - H411
P260 - P301+P310 - P361 - P321 - P405 - P501a

assay (G.C.)..... min. 99,5 %

Packaging Code
1 l NI02731000

AC1630 2-Nitrobenzoic acid, synthesis grade



o-Nitrobenzoic acid



- M = 167,12 g/mol
- CAS [552-16-9]
- Melting point: 146 - 148 °C

GHS information: Warning.
H373
P260 - P314 - P501a

assay (G.C.)..... min. 85 %

Packaging Code
250 g AC16300250

AC1640 4-Nitrobenzoic acid, extra pure



p-Nitrobenzoic acid



- M = 167,12 g/mol
- CAS [62-23-7]
- Melting point: 237 - 240 °C

GHS information: Warning.
H302 - H319
P280 - P264 - P305+P351+P338 - P301+P312 - P337+P313 - P501a

assay (HPLC) min. 99 %

Packaging Code
250 g AC16400250

Store between 15°C and 25°C

NI0370 Nitromethane, extra pure, Reag. Ph Eur*Mononitromethane, Nitrocarbol*

- M = 61,04 g/mol
- CAS [75-52-5]
- Density: (25 °C) 1,14

- Melting point: -28,5 °C
- Boiling point: 101,2 °C
- UN 1261

GHS information: Warning.

H226 - H302

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging Code

250 ml NI03700250

1 l NI03701000

Store between 15°C and 25°C

assay (G.C.) min. 98,5 %

NI0335 o-Nitrophenol, synthesis grade*2-Nitrophenol*

- M = 139,11 g/mol
- CAS [88-75-5]
- Melting point: 43 - 45 °C

- Boiling point: 215 - 216 °C
- UN 1663

GHS information: Warning.

H302 - H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

Packaging Code

250 g NI03350250

1 kg NI03351000

crystals, brown

assay (G.C.) min. 99 %

Store between 15°C and 25°C

NI0343 m-Nitrophenol, indicator*3-Nitrophenol*

- M = 139,11 g/mol
- CAS [554-84-7]

- Melting point: 94 - 95 °C
- UN 1663

GHS information: Warning.

H302 - H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

Packaging Code

5 g NI03430005

Store between 5°C and 30°C

NI0345 p-Nitrophenol, moistened, synthesis grade*4-Nitrophenol*

- M = 139,11 g/mol
- CAS [100-02-7]
- Melting point: 110 - 114 °C

- Boiling point: ~ 280 °C (decomposes)
- UN 1663

GHS information: Warning.

H373 - H302 - H312 - H332

P260 - P261 - P280 - P322 - P301+P312 - P501a

Packaging Code

1 kg NI03451000

Store between 5°C and 30°C

assay (G.C.) min. 99 %

NI0348 p-Nitrophenol, indicator*4-Nitrophenol*

- M = 139,11 g/mol
- CAS [100-02-7]
- Melting point: 110 - 114 °C

- Boiling point: ~ 280 °C (decomposes)
- UN 1663

GHS information: Warning.

H373 - H302 - H312 - H332

P260 - P261 - P280 - P322 - P301+P312 - P501a

Packaging Code

100 g NI03480100

granules, yellow-brownish

Store between 5°C and 30°C

NI0378 2-Nitropropane, synthesis grade*N-Nitropropane*

- M = 89,09 g/mol
- CAS [79-46-9]
- Density: 0,99

- Melting point: -91 °C
- Boiling point: 120 °C
- UN 2608

GHS information: Danger.

H350 - H226 - H302 - H332

P210 - P241 - P261 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l NI03781000

assay (G.C.) min. 95 %

Nitro

NI0390 1-Nitroso-2-naphthol, reagent grade

Nitroso-β-naphthol



- M = 173,17 g/mol
- CAS [131-91-9]
- Melting point: 107 - 109 °C

Store between 5°C and 30°C

assay (referred to anhydrous substance) min.98 %

Packaging Code
25 g NI03900025
100 g NI03900100

NI0420 4-Nitrotoluene, synthesis grade



p-Nitrotoluene



- M = 137,14 g/mol
- CAS [99-99-0]
- Melting point: 50 - 52 °C
- Boiling point: 238 - 239 °C
- UN 3446

Store between 15°C and 25°C

GHS information: Danger.
H301 - H311 - H331 - H373 - H411
P260 - P301+P310 - P361 - P321 - P405 - P501a

assay (G.C.)..... min. 99 %

Packaging Code
1 kg NI04201000

NMP. See 1-Methyl-2-pyrrolidone page 193

RE0060 O'Meara's reagent, for microbiology



- Density: 1,24
- UN 1814

GHS information: Danger.
H314 - H302
P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code
100 ml RE0060G100

1-Octadecanol. See Stearyl alcohol page 308

Octadecanoic acid. See Stearic acid page 308

OC0010 n-Octane, min. 80%, ASTM



- M = 114,23 g/mol
- CAS [111-65-9]
- Density: 0,69
- Melting point: -57 °C
- Boiling point: 125 - 126 °C
- UN 1262

GHS information: Danger.
H225 - H304 - H400 - H410 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code
200 l OC0010200L

AC1702 1-Octane sulfonic acid, sodium salt monohydrate, HPLC grade

Sodium 1-octylsulfonate monohydrate



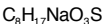
- M = 234,29 g/mol
- CAS [207596-29-0]

crystals, white

assay (acidimetric)..... min. 98 %
maximum absorbance of an aqueous solution (10 %) in a 1,0 cm cell at wavelength:
210 nm..... 0,1 AU
220 nm..... 0,06 AU
230 nm..... 0,04 AU
260 nm..... 0,02 AU

Packaging Code
25 g AC17020025

AC1700 1-Octane sulfonic acid, sodium salt, solution 0,1 mol/l, HPLC grade



• M = 216,28 g/mol

• CAS [5324-84-5]

GHS information: EUH210

Packaging Code

250 ml  AC17000250

1 l  AC17001000

Store between 15°C and 25°C

factor limits..... 0,995 - 1,005
pH (20 °C)..... 3,4 - 3,6
Contains acetic acid as preservative

AC0670 Octanoic acid, synthesis grade



Caprylic acid



• M = 144,22 g/mol

• CAS [124-07-2]

• Density: 0,91

• Melting point: 16,5 °C

• Boiling point: 237 °C

• UN 3265

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l  AC06701000

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
sulfated ash..... max. 0,1 %

AC0673 Octanoic acid, extra pure, Reag. Ph Eur



Caprylic acid



• M = 144,22 g/mol

• CAS [124-07-2]

• Density: 0,91

• Melting point: 16,5 °C

• Boiling point: 237 °C

• UN 3265

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l  AC06731000

Store between 15°C and 25°C

assay (G.C.) min. 99 %
sulfated ash max. 0,05 %

1-Octanol. See n-Octyl alcohol page 209

AL0393 n-Octyl alcohol, extra pure



1-Octanol



• M = 130,23 g/mol

• CAS [111-87-5]

• Density: 0,83

• Melting point: -16 °C

• Boiling point: 188 - 198 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Packaging Code

1 l  AL03931000

5 l  AL0393005P

assay (G.C.)..... min. 99 %

AL0395 n-Octyl alcohol, reagent grade



1-Octanol



• M = 130,23 g/mol

• CAS [111-87-5]

• Density: 0,83

• Melting point: -16 °C

• Boiling point: 188 - 198 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Packaging Code

1 l  AL03951000

assay (G.C.)..... min. 99,5 %

AL0410 Oleyl alcohol, synthesis grade

cis-9-Octadecen-1-ol



• M = 268,49 g/mol

• CAS [143-28-2]

• Density: 0,85

• Melting point: 4 °C

• Boiling point: (17 hPa) 207 °C

Packaging Code

1 l  AL04101000

Store between 15°C and 25°C

OPA. See Phthalaldehyde page 224

Orang

AC0033 Orange essential oil



Oil of sweet orange

• CAS [8008-57-9]
• Density: 0,845

• Boiling point: ~ 175 °C

GHS information: Danger.
H226
P210 - P241 - P280 - P240 - P303+P361+P353 -
P501a

Store between 15°C and 25°C

Packaging Code
1 l AC00331000

AN0030 Orange G, C.I. 16230, for microscopy



• M = 452,36 g/mol

• CAS [1936-15-8]

floury powder, orange

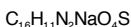
Store between 5°C and 30°C

Packaging Code
25 g AN00300025
100 g AN00300100

AN0025 Orange I, C.I. 14600, for microscopy and indicator



Tropaeolin 000 n° 1, 4-(4-Hydroxy-1-naphthylazo)benzenesulfonic acid sodium salt



• M = 350,33 g/mol

• CAS [523-44-4]

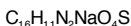
GHS information: Warning.
H351
P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code
25 g AN00250025
100 g AN00250100

AN0027 Orange II, C.I. 15510, for microscopy



Tropaeolin 000 n° 2, 4-(2-Hydroxy-1-naphthylazo)benzenesulfonic acid sodium salt



• M = 350,33 g/mol

• Melting point: 164 °C

• CAS [633-96-5]

GHS information: Warning.
H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code
5 g AN00270005
25 g AN00270025

OR0020 Orcein, for microscopy

Natural Red 28

• CAS [1400-62-0]

Store between 15°C and 25°C

Packaging Code
5 g OR00200005
25 g OR00200025

OR0021 Orcein, solution A, for microscopy



Natural red 28

• CAS [1400-62-0]
• Density: 1,06

• UN 1760

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
100 ml OR00210100

OR0022 Orcein, solution B, for microscopy



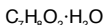
Natural red 28

• CAS [1400-62-0]
• Density: 1,06

• UN 1760

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
100 ml OR00220100

OR0035 Orcinol monohydrate, extra pure, Reag. Ph Eur*5-Methylresorcinol, 3,5-Dihydroxytoluene monohydrate*

- M = 124,14 g/mol
- CAS [6153-39-5]

- Melting point: 108-110 °C
- Boiling point: (7 hPa) 147 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

5 g OR00350005

25 g OR00350025

Store between 15°C and 25°C

assay (G.C.) min. 99 %

OR0055 L-Ornithine hydrochloride, extra pure*L(+)-2,5-Diamino valeric acid hydrochloride*

- M = 168,62 g/mol
- CAS [3184-13-2]

- Melting point: 245 °C

assay (titr. with HClO4)..... min. 99 %

Store between 5°C and 30°C

Packaging Code

25 g OR00550025

OS0050 Osmium(VIII) oxide, extra pure, Reag. Ph Eur*Osmic acid, Osmium tetroxide*

- M = 254,20 g/mol
- CAS [20816-12-0]
- Density: ~ 4,91

- Melting point: 40 °C
- Boiling point: 130 °C
- UN 2471

GHS information: Danger.

H300 - H310 - H330 - H314

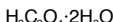
P301+P310 - P303+P361+P353 - P305+P351+P338 -

P310 - P320 - P361 - P405 - P501a

Packaging Code

1 g OS00500001

Store between 15°C and 25°C

assay min. 99,8 %
osmium (Os) min. 74,8 %*Osmium tetroxide. See Osmium(VIII) oxide page 211***AC1721 Oxalic acid dihydrate**, extra pure*Ethanedioic acid*

- M = 126,07 g/mol
- CAS [6153-56-6]

- Melting point: 101 °C

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

Packaging Code

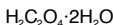
500 g AC17210500

1 kg AC17211000

5 kg AC1721005P

crystalline powder, white

assay (permanganometric)..... min. 99 %

AC1720 Oxalic acid dihydrate, reagent grade, ACS, ISO, Reag. Ph Eur*Ethanedioic acid*

- M = 126,07 g/mol
- CAS [6153-56-6]

- Melting point: 101 °C

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

Packaging Code

250 g AC17200250

500 g AC17200500

1 kg AC17201000

crystalline powder, white

assay (permanganometric)..... 99,5 - 102,5 %

AC1723 Oxalic acid, solution 0,05 mol/l (0,1 N)

- M = 90,04 g/mol
- CAS [144-62-7]

- Density: 0,99

Packaging Code

1 l AC17231000

Traceable to SRM from NIST

Oxali

AC1724 Oxalic acid, solution 0,025 mol/l (0,05 N)

H₂C₂O₄

• M = 90,04 g/mol

• CAS [144-62-7]

• Density: 0,99

Packaging

Code

1 l

AC17241000

Traceable to SRM from NIST

AC1725 Oxalic acid, solution 0,005 mol/l (0,01 N)

H₂C₂O₄

• M = 90,04 g/mol

• CAS [144-62-7]

• Density: 0,99

Packaging

Code

1 l

AC17251000

Traceable to SRM from NIST

AC0700 2-Oxoglutaric acid, extra pure

2-Ketoglutaric acid, α-Ketoglutaric acid

C₅H₈O₅

• M = 146,10 g/mol

• CAS [328-50-7]

• Melting point: 112 - 116 °C

GHS information: Danger.

H318

P280 - P305+P351+P338 - P310

Packaging

Code

25 g

AC07000025

50 g

AC07000050

Store between 2°C and 8°C

assay (acidimetric) min. 99 %

PABA. See 4-Aminobenzoic acid page 19

PA0025 Palladium(II) chloride, approx. 59 % Pd

Palladium dichloride

PdCl₂

• M = 177,31 g/mol

• CAS [7647-10-1]

• Density: 4,0

• Melting point: 678 °C

• UN 3280

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging

Code

1 g

PA00250001

5 g

PA00250005

palladium (Pd) min. 59,85 %

AC1730 Palmitic acid, synthesis grade

Hexadecanoic acid

C₁₆H₃₂O₂

• M = 256,43 g/mol

• CAS [57-10-3]

• Melting point: 61 - 63 °C

• Boiling point: (133 hPa) 271,5 °C

Packaging

Code

1 kg

AC17301000

5 kg

AC1730005P

Store between 15°C and 25°C

assay (G. C.)..... min. 98 %

SO1050 Papanicolaou's solution, EA-50

• Density: 0,83

• UN 1992

GHS information: Danger.

H225 - H331 - H370

P210 - P241 - P260 - P303+P361+P353 - P405 - P501a

Packaging

Code

500 ml

SO10500500

1 l

SO10501000

2,5 l

SO10502500

Store between 15°C and 25°C

SO1051 Papanicolaou's solution, OG-6

• Density: 0,83

• UN 1993

GHS information: Danger.

H225

P210 - P241 - P280 - P240 - P303+P361+P353 - P501a

Packaging

Code

500 ml

SO10510500

1 l

SO10511000

2,5 l

SO10512500

Store between 15°C and 25°C

212 See complete specifications at www.scharlab.com

PAR. See 4-(2-Pyridylazo)-resorcinol, monosodium salt monohydrate page 253

PA0112 Paraffin, pellets, melting point 56 - 58 °C

• CAS [8002-74-2] • Boiling point: > 350 °C
• Melting point: 56 - 58 °C

pellets, white, up to 0,7cm
Store between 5°C and 30°C

Packaging Code
1 kg  PA01121000
5 kg  PA0112005P

Paraffin liquid. See Vaseline oil page 342

PA0114 Paraffin plasticized, pellets, melting point 52 - 54 °C

• CAS [8002-74-2] • Boiling point: > 350 °C
• Melting point: 52 - 54 °C

pellets, colourless or white, up to 1cm
Store between 5°C and 30°C

Packaging Code
1 kg  PA01141000
5 kg  PA0114005P

PA0113 Paraffin plasticized, pellets, melting point 56 - 58 °C

• CAS [8002-74-2] • Boiling point: > 350 °C
• Melting point: 56 - 58 °C

pellets, colourless or white, up to 1cm
Store between 5°C and 30°C

Packaging Code
1 kg  PA01131000
5 kg  PA0113005P

PA0095 Paraformaldehyde, extra pure



Polyoxymethylene, Paraform

$(CH_2O)_n$

• CAS [30525-89-4] • UN 2213
• Melting point: 120 - 170 °C

Store below 15°C

GHS information: Warning.
H351 - H302 - H332 - H315 - H319 - H317 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code
500 g  PA00950500
1 kg  PA00951000

assay (acidimetric, after oxidation) 95 - 100,5 %

Patton and Reeder's reagent. See Calconcarboxylic acid page 60

PEG. See Polyethylene glycol 200 page 226

PE0050 Pentachlorophenol, synthesis grade



PCP

C_6Cl_5OH

• M = 266,34 g/mol • Boiling point: 310 °C
• CAS [87-86-5] • UN 3155
• Melting point: 165 - 180 °C

Hygroscopic

GHS information: Danger.
H301 - H311 - H330 - H351 - H400 - H410 - H315 -
H319 - H335
P301+P310 - P305+P351+P338 - P310 - P320 - P361 -
P405 - P501a

Packaging Code
250 g  PE00500250
1 kg  PE00501000

assay (argentometric)..... min. 97 %

PE0070 Pentaerythritol, extra pure

2,2-Bis(hydroxymethyl)-1,3-propanediol

$C_5H_{12}O_4$

• M = 136,15 g/mol • Melting point: 256 - 258 °C
• CAS [115-77-5] • Boiling point: (40 hPa) 276 °C

Store between 15°C and 25°C

assay (DSC)..... min. 98 %

Packaging Code
1 kg  PE00701000

Penta

PE0092 n-Pentane, 95%, synthesis grade



1,3-Dimethylpropane, Diethyl methane



- M = 72,15 g/mol
- CAS [109-66-0]
- Density: 0,63

- Melting point: -129,7 °C
- Boiling point: 36,1 °C
- UN 1265

GHS information: Danger.
H225 - H304 - H336 - H411 - EUH066
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging	Code
1 l	PE00921000
2,5 l	PE00922500
5 l	PE0092005L
25 l	PE0092025L

Store between 15°C and 25°C

assay (G.C.)..... min. 95 %

PE0095 n-Pentane, 99%, extra pure



1,3-Dimethylpropane, Diethyl methane



- M = 72,15 g/mol
- CAS [109-66-0]
- Density: 0,63

- Melting point: -129,7 °C
- Boiling point: 36,1 °C
- UN 1265

GHS information: Danger.
H225 - H304 - H336 - H411 - EUH066
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging	Code
1 l	PE00951000
2,5 l	PE00952500
5 l	PE0095005L
25 l	PE0095025A
25 l	PE0095025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

PE0096 n-Pentane, 99%, reagent grade



1,3-Dimethylpropane, Diethyl methane



- M = 72,15 g/mol
- CAS [109-66-0]
- Density: 0,63

- Melting point: -129,7 °C
- Boiling point: 36,1 °C
- UN 1265

GHS information: Danger.
H225 - H304 - H336 - H411 - EUH066
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging	Code
1 l	PE00961000
2,5 l	PE00962500
25 l	PE0096025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,01 %

PE0098 n-Pentane, 99%, spectroscopy grade, Spectrosol®



1,3-Dimethylpropane, Diethyl methane



- M = 72,15 g/mol
- CAS [109-66-0]
- Density: 0,63

- Melting point: -129,7 °C
- Boiling point: 36,1 °C
- UN 1265

GHS information: Danger.
H225 - H304 - H336 - H411 - EUH066
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging	Code
1 l	PE00981000
2,5 l	PE00982500

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,005 %
minimum transmission /max. absorbance
wavelength:
200 nm..... T (%) A (AU)
210 nm..... 20 % 0,699 AU
215 nm..... 60 % 0,222 AU
222 nm..... 80 % 0,097 AU
230 nm..... 90 % 0,046 AU
240 nm..... 98 % 0,009 AU

PE0097 n-Pentane, 99%, HPLC grade



1,3-Dimethylpropane, Diethyl methane



- M = 72,15 g/mol
- CAS [109-66-0]
- Density: 0,63

- Melting point: -129,7 °C
- Boiling point: 36,1 °C
- UN 1265

GHS information: Danger.
H225 - H304 - H336 - H411 - EUH066
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging	Code
1 l	PE00971000
2,5 l	PE00972500
7 l	PE0097007E

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,01 %
min. transmission/max. absorbance
wavelength:
200 nm..... T(%) A (AU)
210 nm..... 5 % 1,301 AU
230 nm..... 50 % 0,301 AU
230 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

PE0099 n-Pentane, 99%, for GC residue analysis**1,3-Dimethylpropane, Diethyl methane**

- M = 72,15 g/mol
- CAS [109-66-0]
- Density: 0,63

- Melting point: -129,7 °C
- Boiling point: 36,1 °C
- UN 1265

Store between 15°C and 25°C

GHS information: Danger.

H225 - H304 - H336 - H411 - EUH066

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l PE00991000

2,5 l PE00992500

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,01 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	

PE0100 n-Pentane, 99%, GC ultra-trace analysis grade**1,3-Dimethylpropane, Diethyl methane**

- M = 72,15 g/mol
- CAS [109-66-0]
- Density: 0,63

- Melting point: -129,7 °C
- Boiling point: 36,1 °C
- UN 1265

Store between 15°C and 25°C

GHS information: Danger.

H225 - H304 - H336 - H411 - EUH066

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l PE01001000

2,5 l PE01002500

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,01 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	
Suitable for highly volatile halogenated	
hydrocarbons trace analysis	
Suitable for pesticide and polycyclic	
aromatic hydrocarbons residue analysis	

*2,4-Pentanedione. See Acetylacetone page 12***AC1745 1-Pentane sulfonic acid, sodium salt monohydrate, HPLC grade****Sodium 1-penty/sulfonate monohydrate**

- M = 192,21 g/mol

- CAS [207605-40-1]

powder, white

Store between 15°C and 25°C

Packaging Code

25 g AC17450025

assay (acidimetric).....	min. 98 %
maximum absorbance of an aqueous	
solution (10 %) in a 1,0 cm cell at	
wavelength:	
210 nm.....	0,1 AU
220 nm.....	0,06 AU
230 nm.....	0,04 AU
260 nm.....	0,02 AU

AC1740 1-Pentane sulfonic acid, sodium salt, solution 0,1 mol/l, HPLC grade

- M = 174,20 g/mol

- CAS [22767-49-3]

Store between 15°C and 25°C

factor limits.....	0,995 - 1,005
pH (20 °C).....	3,4 - 3,6
Contains acetic acid as preservative	

Packaging Code

250 ml AC17400250

*1-Pentanol. See n-Amyl alcohol page 29***PE0120 Pepsin 1:3000 NF****Puerzym**

- CAS [9001-75-6]

GHS information: Danger.

H315 - H319 - H334 - H335

Packaging Code

100 g PE01200100

Store between 15°C and 25°C

PE0125 Pepsin 1:10000 NF



Puerzym

• CAS [9001-75-6]

powder, yellowish

Store between 15°C and 25°C

GHS information: Danger.

H315 - H319 - H334 - H335

P261 - P285 - P305+P351+P338 - P321 - P405 -

P501a

Packaging Code

100 g PE01250100

1 kg PE01251000

AC1760 Perchloric acid, 70%, reagent grade, ACS, ISO



HClO₄

• M = 100,46 g/mol

• CAS [7601-90-3]

• Density: 1,68

• Melting point: -18 °C

• Boiling point: 198,7 °C

• UN 1873

GHS information: Danger.

H272 - H314 - H226

P221 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC17601000

1 l AC17601001

2,5 l AC17602500

2,5 l AC17602501

Hygroscopic

assay (acidimetric)..... 69 - 72 %

AC1755 Perchloric acid, solution 60% w/w, reagent grade, ACS, ISO



HClO₄

• M = 100,46 g/mol

• CAS [7601-90-3]

• Density: 1,53

• Boiling point: ~ 160 °C

• UN 1873

GHS information: Danger.

H272 - H314 - H226

P221 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC17551000

1 l AC17551001

2,5 l AC17552500

2,5 l AC17552501

Hygroscopic

assay (acidimetric)..... 60 - 62 %

AC1752 Perchloric acid, solution 20% w/w, extra pure



HClO₄

• M = 100,46 g/mol

• CAS [7601-90-3]

• Density: 1,12

• UN 1802

GHS information: Danger.

H272 - H314 - H226

P221 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC17521000

2,5 l AC17522500

Hygroscopic

AC1753 Perchloric acid, solution 20% w/w, reagent grade



HClO₄

• M = 100,46 g/mol

• CAS [7601-90-3]

• Density: 1,12

• UN 1802

GHS information: Danger.

H272 - H314 - H226

P221 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC17531000

2,5 l AC17532500

Hygroscopic

assay (acidimetric)..... approx. 20 %

AC1765 Perchloric acid, solution in acetic acid 0,1 mol/l (0,1 N)



HClO₄

• M = 100,46 g/mol

• CAS [7601-90-3]

• Density: 1,06

• UN 2789

GHS information: Danger.

H226 - H314

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l AC17651000

Store between 15°C and 25°C

Traceable to SRM from NIST

Perchloroethylene. See Tetrachloroethene page 319

Perfluoroacetic acid. See Trifluoroacetic acid page 335

Perfluorobutyric acid. See Heptafluorobutyric acid page 139

Petroleum benzene. See Petroleum ether, boiling range 30 - 40 °C page 217

ET0088 Petroleum ether, boiling range 30 - 40 °C, extra pure, Reag. Ph Eur



Petroleum benzine, Petroleum spirit

• CAS [64742-49-0]
• Density: 0,65

• Boiling point: 30 - 40 °C
• UN 1268

GHS information: Danger.
H224 - H304 - H336 - H411 - EUH066
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code
1 I ET00881000
5 I ET0088005M

Store between 15°C and 25°C

non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,01 %

ET0090 Petroleum ether, boiling range 40 - 60 °C, synthesis grade



Petroleum benzine, Petroleum spirit

• CAS [64742-49-0]
• Density: (15 °C) 0,65
• Melting point: < -100 °C

• Boiling point: 40 - 60 °C
• UN 1268

GHS information: Danger.
H224 - H304 - H412
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code
1 I ET00901000
2,5 I ET00902500
5 I ET0090005M
25 I ET0090025L

Store between 15°C and 25°C

boiling range..... 40 - 60 °C

ET0091 Petroleum ether, boiling range 40 - 60 °C, extra pure



Petroleum benzine, Petroleum spirit

• CAS [64742-49-0]
• Density: (15 °C) 0,65
• Melting point: < -100 °C

• Boiling point: 40 - 60 °C
• UN 1268

GHS information: Danger.
H224 - H304 - H412
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code
1 I ET00911000
2,5 I ET00912500
5 I ET0091005M
25 I ET0091025A
25 I ET0091025S

Store between 15°C and 25°C

non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,02 %

ET0093 Petroleum ether, boiling range 40 - 60 °C, analytical grade, ACS, USP



Petroleum benzine, Petroleum spirit

• CAS [64742-49-0]
• Density: (15 °C) 0,65
• Melting point: < -100 °C

• Boiling point: 40 - 60 °C
• UN 1268

GHS information: Danger.
H224 - H304 - H412
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code
1 I ET00931000
2,5 I ET00932500
5 I ET0093005M
7 I ET0093007E
25 I ET0093025A
25 I ET0093025S

Store between 15°C and 25°C

non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,02 %

ET0092 Petroleum ether, boiling range 40 - 60 °C, reagent grade, ACS, ISO



Petroleum benzine, Petroleum spirit

• CAS [64742-49-0]
• Density: (15 °C) 0,65
• Melting point: < -100 °C

• Boiling point: 40 - 60 °C
• UN 1268

GHS information: Danger.
H224 - H304 - H412
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code
1 I ET00921000
2,5 I ET00922500
5 I ET0092005M
25 I ET0092025S

Store between 15°C and 25°C

boiling range (40 - 60 °C) min. 90 % vol.
non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,01 %

Petro

ET0095 Petroleum ether, boiling range 40 - 60 °C, Multisolvant® HPLC grade ACS ISO UV-VIS



Petroleum benzine, Petroleum spirit

- CAS [64742-49-0]
- Density: (15 °C) 0,65
- Melting point: < -100 °C

- Boiling point: 40 - 60 °C
- UN 1268

GHS information: Danger.

H224 - H304 - H412
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l ET00951000
2,5 l ET00952500
4 l ET00954000
7 l ET0095007E
25 l ET0095025S

Store between 15°C and 25°C

boiling range (40 - 60 °C)..... min. 90 % vol
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,01 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
200 nm..... 20 % 0,699 AU
210 nm..... 50 % 0,301 AU
230 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

ET0098 Petroleum ether, boiling range 40 - 60 °C, for GC residue analysis



Petroleum benzine, Petroleum spirit

- CAS [64742-49-0]
- Density: (15 °C) 0,65
- Melting point: < -100 °C

- Boiling point: 40 - 60 °C
- UN 1268

GHS information: Danger.

H224 - H304 - H412
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l ET00981000
2,5 l ET00982500

Store between 15°C and 25°C

non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,01 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis

ET0099 Petroleum ether, boiling range 40 - 60 °C, GC ultra-trace analysis grade



Petroleum benzine, Petroleum spirit

- CAS [64742-49-0]
- Density: (15 °C) 0,65
- Melting point: < -100 °C

- Boiling point: 40 - 60 °C
- UN 1268

GHS information: Danger.

H224 - H304 - H412
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l ET00991000
2,5 l ET00992500

Store between 15°C and 25°C

non-volatile matter..... max. 0,0001 %
water (K.F.)..... max. 0,01 %
Suitable for organohalogenated
pesticide and dioxins, furans and PCBs
residue analysis
Suitable for highly volatile halogenated
hydrocarbons trace analysis
Suitable for pesticide and polycyclic
aromatic hydrocarbons residue analysis

ET0097 Petroleum ether, boiling range 40 - 60 °C, DNA synthesis grade



Petroleum benzine, Petroleum spirit

- CAS [64742-49-0]
- Density: (15 °C) 0,65
- Melting point: < -100 °C

- Boiling point: 40 - 60 °C
- UN 1268

GHS information: Danger.

H224 - H304 - H412
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l ET00971000

Store between 15°C and 25°C

ET0096 Petroleum ether, boiling range 50 - 70 °C, extra pure, Reag. Ph Eur



Petroleum benzine, Petroleum spirit

- CAS [64742-49-0]
- Density: (15 °C) 0,655 - 0,67
- Melting point: < -100 °C

- Boiling point: 50 - 70 °C
- UN 1268

GHS information: Danger.

H224 - H304 - H361 - H373 - H315 - H336 - H411
P210 - P241 - P301+P310 - P303+P361+P353 - P405 - P501a

Packaging Code

1 l ET00961000

Store between 15°C and 25°C

non-volatile matter..... max. 0,001 %
water (K.F.) max. 0,01 %

ET0100 Petroleum ether, boiling range 60 - 80 °C, extra pure

Petroleum benzene, Petroleum spirit

• CAS [64742-49-0]
• Density: 0,68

• Boiling point: 60 - 80 °C
• UN 1268

GHS information: Danger.

H224 - H304 - H361 - H373 - H315 - H336 - H411
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

1 l ET01001000
2,5 l ET01002500
25 l ET0100025S

Store between 15°C and 25°C

non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,01 %

ET0101 Petroleum ether, boiling range 60 - 80 °C, reagent grade

Petroleum benzene, Petroleum spirit

• CAS [64742-49-0]
• Density: 0,68

• Boiling point: 60 - 80 °C
• UN 1268

GHS information: Danger.

H224 - H304 - H361 - H373 - H315 - H336 - H411
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

1 l ET01011000
2,5 l ET01012500
25 l ET0101025S

Store between 15°C and 25°C

non-volatile matter max. 0,0005 %
water (K.F.) max. 0,01 %

ET0105 Petroleum ether, boiling range 65 - 95 °C, extra pure

Petroleum benzene, Petroleum spirit

• CAS [64742-49-0]
• Density: ~ 0,67
• Melting point: < - 29 °C

• Boiling point: 65 - 95 °C
• UN 1268

GHS information: Danger.

H224 - H304 - H361 - H373 - H315 - H336 - H411
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

1 l ET01051000
2,5 l ET01052500
5 l ET0105005M

Store between 15°C and 25°C

non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,02 %

ET0106 Petroleum ether, boiling range 65 - 95 °C, reagent grade

Petroleum benzene, Petroleum spirit

• CAS [64742-49-0]
• Density: ~ 0,67
• Melting point: < - 29 °C

• Boiling point: 65 - 95 °C
• UN 1268

GHS information: Danger.

H224 - H304 - H361 - H373 - H315 - H336 - H411
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

1 l ET01061000
5 l ET0106005M

Store between 15°C and 25°C

non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,01 %

ET0103 Petroleum ether, boiling range 100 - 120 °C, extra pure, Reag. Ph Eur

Petroleum benzene, Petroleum spirit

• CAS [64742-49-0]
• Density: 0,70

• Boiling point: 100 - 120 °C
• UN 1268

GHS information: Danger.

H225 - H304 - H411
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

Packaging Code

1 l ET01031000
2,5 l ET01032500

Store between 15°C and 25°C

non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,01 %

FE0100 o-Phenanthroline monohydrate, redox indicator, reagent grade, ACS

1,10-Phenanthroline monohydrate

$C_{12}H_9N_2 \cdot H_2O$

• M = 198,24 g/mol
• CAS [5144-89-8]

• Melting point: 93 - 94 °C
• UN 2811

GHS information: Danger.

H301 - H400 - H410
P273 - P264 - P301+P310 - P321 - P405 - P501a

Packaging Code

5 g FE01000005
25 g FE01000025

Store between 15°C and 25°C

assay (titr. with HClO₄, on dried sample). min. 99,5 %

Phene

FE0135 p-Phenetidine, synthesis grade



4'-Aminophenetol, 4-Ethoxyaniline



- M = 137,18 g/mol
- CAS [156-43-4]
- Density: 1,06

- Melting point: 4 °C
- Boiling point: 250 °C
- UN 2311

GHS information: Warning.

H341 - H302 - H312 - H332 - H319 - H317

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

250 ml FE01350250

assay (G.C.) min. 98 %

FE0480 Phenol, crystallized, extra pure, Ph Eur, BP, USP



Phenic acid, Hydroxybenzene, Carbolic acid



- M = 94,11 g/mol
- CAS [108-95-2]
- Melting point: 40,8 °C

- Boiling point: 181,8 °C
- UN 1671

GHS information: Danger.

H301 - H311 - H331 - H314 - H341 - H373

P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P361 - P405 - P501a

Packaging Code

500 g FE04800500

1 kg FE04801000

5 kg FE0480005P

flakes, bright white, up to 3cm

Hygroscopic

Store between 15°C and 25°C

assay (bromometric, referred to anhydrous substance) 99 - 100,5 %
benzene (acc. to ICH) class 1..... max. 0,0002 %
residual solvents(Ph Eur/ICH)class 3..... max. 0,5 %
other residual solvents (Ph Eur/ICH)..... excluded by production process

FE0482 Phenol, crystallized, reagent grade, ACS, Reag. Ph Eur



Phenic acid, Hydroxybenzene, Carbolic acid



- M = 94,11 g/mol
- CAS [108-95-2]
- Melting point: 40,8 °C

- Boiling point: 181,8 °C
- UN 1671

GHS information: Danger.

H301 - H311 - H331 - H314 - H341 - H373

P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P361 - P405 - P501a

Packaging Code

250 g FE04820250

1 kg FE04821000

5 kg FE0482005P

flakes, bright white, up to 3cm

Hygroscopic

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

FE0484 Phenol, molecular biology grade



Phenic acid, Hydroxybenzene, Carbolic acid



- M = 94,11 g/mol
- CAS [108-95-2]
- Melting point: 40,8 °C

- Boiling point: 181,8 °C
- UN 1671

GHS information: Danger.

H301 - H311 - H331 - H314 - H341 - H373

P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P361 - P405 - P501a

Packaging Code

100 g FE04840100

500 g FE04840500

flakes, bright white, up to 3cm

Hygroscopic

Store at 2 - 8 °C

assay (G.C.)(referred to dried substance) min. 99,5 %
DNases, RNases, Proteases passes test

FE0478 Phenol, approx. 90%, aqueous solution, extra pure, USP



Phenic acid, Hydroxybenzene, Carbolic acid



- M = 94,11 g/mol
- CAS [108-95-2]
- Density: 1,06

- Boiling point: 180-182 °C
- UN 2821

GHS information: Danger.

H301 - H311 - H330 - H314 - H341 - H373

P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a

Packaging Code

1 l FE04781000

5 l FE0478005P

assay (G.C.)..... min. 89 %
residual solvents(USP/ICH)..... excluded by production process

FE0479 Phenol, approx. 90%, aqueous solution*Phenic acid, Hydroxybenzene, Carboic acid*

- M = 94,11 g/mol
- CAS [108-95-2]
- Density: 1,06

- Boiling point: 180-182 °C
- UN 2821

GHS information: Danger.

H301 - H311 - H330 - H314 - H341 - H373
 P301+P310 - P303+P361+P353 - P305+P351+P338 -
 P310 - P320 - P361 - P405 - P501a

Packaging Code

- 1 l FE04791000
 5 l FE0479005P
 25 l FE0479025P

FE0495 Phenolphthalein, indicator, ACS*3,3-Bis(p-hydroxyphenyl)phthalide*

- M = 318,33 g/mol
- CAS [77-09-8]

- Melting point: 261 - 263 °C

powder, cream or yellowish

Packaging Code

- 25 g FE04950025
 100 g FE04950100
 250 g FE04950250
 500 g FE04950500

FE0496 Phenolphthalein, solution 1% in ethanol, indicator

- M = 318,33 g/mol
- CAS [77-09-8]

- Density: 0,81
- UN 1993

GHS information: Danger.

H225
 P210 - P240 - P241 - P280 - P303+P361+P353 -
 P501a

Packaging Code

- 100 ml FE0496G100
 250 ml FE04960250
 1 l FE04961000

Store between 15°C and 25°C

RO0130 Phenol red, indicator, ACS*Phenolsulfonphthalein, PR*

- M = 354,38 g/mol

- CAS [143-74-8]

powder, reddish-brown

Packaging Code

- 5 g RO01300005
 10 g RO01300010
 25 g RO01300025

RO0131 Phenol red, solution 0,02%, indicator*Phenolsulfonphthalein, PR*

- M = 354,38 g/mol

- CAS [143-74-8]

GHS information: EUH210

Packaging Code

- 100 ml RO01310100

Store between 15°C and 25°C

FE0525 2-Phenoxyethanol, synthesis grade*Ethylene glycol monophenyl ether, Phenylcelllosolve, Monophenyl glycol, Phenyl glycol*

- M = 138,17 g/mol
- CAS [122-99-6]
- Density: 1,11

- Melting point: 11 - 13 °C
- Boiling point: 244 - 246 °C

GHS information: Warning.

H302 - H319
 P264 - P280 - P301+P312 - P305+P351+P338 -
 P337+P313 - P501a -

Packaging Code

- 1 l FE05251000
 2,5 l FE05252500

Store between 15°C and 25°C

assay (G.C.) min. 99 %

FE0180 L-Phenylalanine, extra pure, Ph Eur, BP, USP*α-Amino-β-phenyl propionic acid*

- M = 165,19 g/mol
- CAS [63-91-2]

- Melting point: 275 - 283 °C
 (decomposes)

assay (titr. with HClO₄ on dried

substance).....
 residual solvents (Ph Eur/ICH).....

98,5 - 101 %
 excluded by
 production process

Packaging Code

- 25 g FE01800025
 100 g FE01800100

Store between 5°C and 30°C

Pheny

3-Phenylallyl alcohol. See Cinnamyl alcohol page 72

Phenylamine. See Aniline page 30

Phenylbenzene. See Biphenyl page 41

4-Phenyl-3-buten-2-one. See Benzylideneacetone page 40

FE0213 1,3-Phenylenediamine, reagent grade



1,3-Diaminobenzene



- M = 108,14 g/mol
- CAS [108-45-2]
- Melting point: 63 - 64 °C
- Boiling point: 283 - 284 °C
- UN 1673

GHS information: Danger.
H301 - H311 - H331 - H341 - H400 - H410 - H319 - H317
P301+P310 - P305+P351+P338 - P361 - P321 - P405 - P501a

Packaging Code
25 g FE02130025
100 g FE02130100

Store between 15°C and 25°C

assay (titr. with HClO₄, on dried substance)..... min. 99 %

AL0245 2-Phenylethanol, synthesis grade



Phenethyl alcohol, Benzylcarbinol



- M = 122,17 g/mol
- CAS [60-12-8]
- Density: 1,02
- Melting point: -27 °C
- Boiling point: 218 - 220 °C
- UN 2810

GHS information: Danger.
H311 - H302 - H319
P280 - P305+P351+P338 - P361 - P322 - P405 - P501a

Packaging Code
250 ml AL02450250
1 l AL02451000

Store between 15°C and 25°C

assay (G.C.) min. 99 %

Phenyl ether. See Diphenyl oxide page 108

FE0315 Phenylhydrazine, extra pure



Hydrazinobenzene



- M = 108,14 g/mol
- CAS [100-63-0]
- Melting point: 19,6 °C
- Boiling point: 244 °C
- UN 2572

GHS information: Danger.
H301 - H311 - H331 - H341 - H400 - H410 - H319 - H317
P260 - P301+P310 - P305+P351+P338 - P361 - P405 - P501a

Packaging Code
100 ml FE03150100

Store between 15°C and 25°C

assay (titr. with HClO₄)..... min. 99 %

Phenyl methyl ketone. See Acetophenone page 12

FE0290 2-Phenylphenol, extra pure



Biphenyl-2-ol, 2-Biphenylol, 2-Hydroxydiphenyl, o-Phenylphenol, 2-Diphenylol



- M = 170,21 g/mol
- CAS [90-43-7]
- Melting point: 56 - 58 °C
- Boiling point: 286 °C
- UN 3077

GHS information: Warning.
H400 - H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code
1 kg FE02901000

Store between 15°C and 25°C

assay (G.C.) min. 99 %

trans-3-Phenyl-2-propenal. See Cinnamaldehyde page 72

FE0414 1-Phenylsemicarbazide, synthesis grade

• M = 151,17 g/mol
• CAS [103-03-7]

• Melting point: 178 - 179 °C
• UN 2811

GHS information: Warning.

H351 - H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

50 g FE04140050

250 g FE04140250

Store between 15°C and 25°C

assay (HPLC) min. 98 %

AC1098 ortho-Phosphoric acid, 85%, extra pure, Ph Eur, BP, NF*Orthophosphoric acid*

• M = 98,00 g/mol
• CAS [7664-38-2]
• Density: 1,71

• Melting point: ~ 21 °C
• Boiling point: ~ 158 °C
• UN 1805

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l AC10981000

2,5 l AC10982500

5 l AC1098005P

25 l AC1098025P

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric)..... 84 - 90 %
residual solvents (Ph Eur/ICH)..... excluded by
production process**AC1100 ortho-Phosphoric acid, 85%, reagent grade, ACS, ISO, Reag. Ph Eur***Orthophosphoric acid*

• M = 98,00 g/mol
• CAS [7664-38-2]
• Density: 1,71

• Melting point: ~ 21 °C
• Boiling point: ~ 158 °C
• UN 1805

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l AC11001000

2,5 l AC11002500

5 l AC1100005P

25 l AC1100025P

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric)..... min. 85 %

AC1096 ortho-Phosphoric acid, solution 50%, reagent grade*Orthophosphoric acid*

• M = 98,00 g/mol
• CAS [7664-38-2]

• Density: 1,33
• UN 1805

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l AC10961000

5 l AC1096005P

25 l AC1096025P

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric)..... approx. 50 %

AC1106 ortho-Phosphoric acid, solution 1 mol/l

• M = 98,00 g/mol
• CAS [7664-38-2]

• Density: 1,04

GHS information: EUH210

Packaging Code

1 l AC11061000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC1105 ortho-Phosphoric acid, solution 0,1 mol/l

• M = 98,00 g/mol
• CAS [7664-38-2]

• Density: 1,00

Packaging Code

1 l AC11051000

Store between 15°C and 25°C

Traceable to SRM from NIST

Phosphoric anhydride. See di-Phosphorus pentoxide page 224

Phosp

AN0215 di-Phosphorus pentoxide, synthesis grade



Phosphoric anhydride



- M = 141,96 g/mol
- CAS [1314-56-3]
- Melting point: ~ 580 - 585 °C
- Boiling point: 591 °C
- UN 1807

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 kg AN02151000

powder, white
Hygroscopic
assay (acidimetric)..... min. 97 %

AN0217 di-Phosphorus pentoxide, reagent grade, ACS, ISO



Phosphoric anhydride



- M = 141,96 g/mol
- CAS [1314-56-3]
- Melting point: ~ 580 - 585 °C
- Boiling point: 591 °C
- UN 1807

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
500 g AN02170500
1 kg AN02171000

powder, white
Hygroscopic
assay (acidimetric)..... min. 99,5 %

FO0030 Phosphorus red, extra pure



- M = 30,97 g/mol
- CAS [7723-14-0]
- UN 1338

GHS information: Danger.
H228 - H412
P210 - P241 - P280 - P240 - P273 - P501a

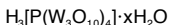
Packaging Code
250 g FO00300250
1 kg FO00301000

Store between 15°C and 25°C
assay..... min. 97 %

AC1130 Phosphotungstic acid hydrate, reagent grade



Tungstophosphoric acid hydrate



- M = 2880,17 g/mol
- CAS [12501-23-4]
- Melting point: 107 °C
- UN 3260

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
25 g AC11300025
100 g AC11300100

crystals, white or almost white
Store between 5°C and 30°C

AL0580 Phthalaldialdehyde, for aminoacid analysis



OPA



- M = 134,14 g/mol
- CAS [643-79-8]
- Melting point: 53 - 55 °C
- UN 2928

GHS information: Danger.
H301 - H314 - H317
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P405 - P501a

Packaging Code
5 g AL05800005

crystals, yellowish
Store below 15°C

AC1140 ortho-Phthalic acid, reagent grade



Phthalic acid, Orthophthalic acid, 1,2-Benzenedicarboxylic acid



- M = 166,13 g/mol
- CAS [88-99-3]
- Melting point: 206 - 208 °C

GHS information: Warning.
H315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code
250 g AC11400250

fine crystalline powder, white
Store between 15°C and 25°C
assay (acidimetric)..... min. 99,5 %

AN0230 Phthalic anhydride, synthesis grade*1,2-Benzenedicarboxylic acid anhydride*

- M = 148,12 g/mol
- CAS [85-44-9]
- Melting point: 129-132 °C
- Boiling point: 285 °C
- UN 2214

GHS information: Danger.
 H334 - H318 - H302 - H335 - H315 - H317
 P285 - P305+P351+P338 - P310 - P321 - P405 -
 P501a

Packaging Code
 500 g AN02300500
 1 kg AN02301000

bright flakes, white

assay (morpholine method)..... min. 99 %

FT0070 Phthalimide, extra pure*Phthalic acid imide*

- M = 147,13 g/mol
- CAS [85-41-6]
- Melting point: 231 - 234 °C

assay (acidimetric)..... min. 99,5 %

Packaging Code
 250 g FT00700250
 500 g FT00700500
 1 kg FT00701000

Store between 15°C and 25°C

AC1769 Picric acid, extra pure (with approx. 30 % H₂O)*2,4,6-Trinitrophenol*

- M = 229,11 g/mol
- CAS [88-89-1]
- Melting point: 121,4 °C
- UN 1344

GHS information: Danger.
 H201 - H301 - H311 - H331
 P301+P310 - P361 - P373 - P401a - P405 - P501a

Packaging Code
 250 g AC17690250
 500 g AC17690500

assay (acidimetric, referred to dried
 substance)..... min. 98 %

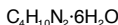
AC1770 Picric acid, reagent grade (with approx. 30% H₂O), ACS, Reag. Ph Eur*2,4,6-Trinitrophenol*

- M = 229,11 g/mol
- CAS [88-89-1]
- Melting point: 121,4 °C
- UN 1344

GHS information: Danger.
 H201 - H301 - H311 - H331
 P301+P310 - P361 - P373 - P401a - P405 - P501a

Packaging Code
 250 g AC17700250
 500 g AC17700500

assay (acidimetric, referred to dried
 sample)..... min. 99 %

*Piperazine-N,N'-bis(2-ethanesulfonic acid). See PIPES free acid page 225**Piperazine-N,N'-bis(2-ethanesulfonic acid) sesquisodium salt. See PIPES, sesquisodium salt page 226***PI0050 Piperazine hexahydrate, extra pure, Ph Eur, BP***Diethylenediamine*

- M = 194,23 g/mol
- CAS [142-63-2]
- Melting point: 43 - 45 °C
- Boiling point: ~ 105 °C
- UN 2579

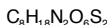
GHS information: Danger.
 H334 - H314 - H317 - H412
 P260 - P303+P361+P353 - P305+P351+P338 - P310 -
 P405 - P501a

Packaging Code
 500 g PI00500500
 1 kg PI00501000
 5 kg PI0050005P

Hygroscopic

Store between 15°C and 25°C

assay (titr. with HClO₄)..... 98 - 101 %
 residual solvents (Ph Eur/ICH)..... excluded by
 production process

PI0061 PIPES free acid, molecular biology grade*Piperazine-N,N'-bis(2-ethanesulfonic acid)*

- M = 302,36 g/mol
- CAS [5625-37-6]

Packaging Code
 25 g PI00610025
 250 g PI00610250
 1 kg PI00611000

Store between 5°C and 30°C

assay (acidimetric) min. 99 %
 DNases, RNases, Proteases non detected

PIPES

PI0062 PIPES, sesquisodium salt, buffer substance, molecular biology grade

Piperazine-*N,N'*-bis(2-ethanesulfonic acid) sesquisodium salt

$C_{16}H_{33}N_4Na_3O_{12}S_4$

- M = 670,67 g/mol
- CAS [100037-69-2]

- Melting point: 300 °C

assay (referred to dried substance) min. 99 %

Store between 5°C and 30°C

Packaging

Code

25 g

PI00620025

250 g

PI00620250

PO0025 Polyethylene glycol 200, synthesis grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide

$HO(C_2H_4O)_nH$

- M = 190 - 210 g/mol
- CAS [25322-68-3]
- Density: 1,124

- Melting point: -55 - -40 °C
- Boiling point: > 250 °C

Hygroscopic

Store between 15°C and 25°C

Packaging

Code

1 l

PO00251000

PO0030 Polyethylene glycol 300, synthesis grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide

$HO(C_2H_4O)_nH$

- M = 300 g/mol
- CAS [25322-68-3]

- Density: 1,13
- Melting point: -15 - -10 °C

Hygroscopic

Store between 15°C and 25°C

Packaging

Code

1 l

PO00301000

PO0035 Polyethylene glycol 400, synthesis grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide

$HO(C_2H_4O)_nH$

- M = 380 - 420 g/mol
- CAS [25322-68-3]
- Density: 1,13

- Melting point: 4 - 8 °C
- Boiling point: > 250 °C

Hygroscopic

Store between 15°C and 25°C

Packaging

Code

1 l

PO00351000

5 l

PO0035005P

25 l

PO0035025P

PO0040 Polyethylene glycol 550, synthesis grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide

$HO(C_2H_4O)_nH$

- M = 550 g/mol
- CAS [25322-68-3]

- Density: 1,13
- Melting point: 36 - 40 °C

Hygroscopic

Store between 15°C and 25°C

Packaging

Code

1 l

PO00401000

PO0045 Polyethylene glycol 600, synthesis grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide

$HO(C_2H_4O)_nH$

- M = 600 g/mol
- CAS [25322-68-3]

- Density: 1,13
- Melting point: 17 - 22 °C

Hygroscopic

Store between 15°C and 25°C

Packaging

Code

1 l

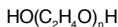
PO00451000

5 l

PO0045005P

PO0050 Polyethylene glycol 1500, synthesis grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide



• M = 1400 - 1600 g/mol
• CAS [25322-68-3]

• Melting point: 42 - 48 °C

flakes, colourless, up to 1cm

Hygroscopic

Store between 15°C and 25°C

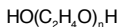
Packaging Code

1 kg  PO00501000

5 kg  PO0050005P

PO0060 Polyethylene glycol 4000, synthesis grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide



• M = 3500 - 4500 g/mol
• CAS [25322-68-3]

• Melting point: 54 - 58 °C

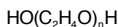
Store between 15°C and 25°C

Packaging Code

1 kg  PO00601000

PO0065 Polyethylene glycol 6000, synthesis grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide



• M = 6000 g/mol
• CAS [25322-68-3]

• Melting point: 55 - 62 °C

flakes, white, up to 1cm

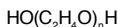
Store between 15°C and 25°C

Packaging Code

1 kg  PO00651000

PO0066 Polyethylene glycol 6000, molecular biology grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide



• M = 6000 g/mol
• CAS [25322-68-3]

• Melting point: 55 - 62 °C

DNases, RNases, Proteases non detected

flakes, white, up to 1cm

Store between 15°C and 25°C

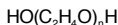
Packaging Code

100 g  PO00660100

1 kg  PO00661000

PO0069 Polyethylene glycol 8000, synthesis grade

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide



• M = 8000 g/mol
• CAS [25322-68-3]

• Melting point: 56 - 63 °C

flakes, white or almost white, up to 1cm

Store between 15°C and 25°C

Packaging Code

1 kg  PO00691000

5 kg  PO0069005P

Polyethyleneglycol lauryl ether. See Brij® 35 page 42

Polysorbate. See Tween® 20 page 339

PO0080 Polyvinylpyrrolidone, molecular biology grade

<i>PVP</i>		Packaging	Code
$(C_6H_9NO)_n$		100 g	PO00800100
• CAS [9003-39-8]	• Melting point: > 130 °C (decomposes)	1 kg	PO00801000
Store below 25°C		DNases, RNases, Proteases non detected	

Potash caustic. See Potassium hydroxide page 238

PO0109 Potassium acetate, extra pure, Ph Eur, BP

<i>Acetic acid potassium salt</i>		Packaging	Code
CH_3COOK		1 kg	PO01091000
• M = 98,15 g/mol	• Melting point: 292 °C		
• CAS [127-08-2]			
Hygroscopic		assay (titr. with HClO ₄ , on dried substance) 99 - 101 %	
		residual solvents (Ph Eur/ICH) excluded by production process	

PO0110 Potassium acetate, reagent grade, ACS

<i>Acetic acid potassium salt</i>		Packaging	Code
CH_3COOK		500 g	PO01100500
• M = 98,15 g/mol	• Melting point: 292 °C	1 kg	PO01101000
• CAS [127-08-2]		5 kg	PO0110005P
Hygroscopic		assay (titr. with HClO ₄) min. 99 %	

PO0112 Potassium acetate, molecular biology grade

<i>Acetic acid potassium salt</i>		Packaging	Code
CH_3COOK		250 g	PO01120250
• M = 98,15 g/mol	• Melting point: 292 °C	1 kg	PO01121000
• CAS [127-08-2]			
Hygroscopic		assay (titr. with HClO ₄ , referred to dried substance) min. 99 %	
		DNases, RNases, Proteases non detected	

Potassium alum. See Aluminium potassium sulfate dodecahydrate page 18

Potassium aluminium sulfate. See Aluminium potassium sulfate dodecahydrate page 18

PO0125 Potassium antimony(III) tartrate trihydrate, extra pure



<i>Potassium antimony(III) oxide tartrate trihydrate, Potassium antimonyl tartrate, Tartar</i>		Packaging	Code
$C_6H_4K_2O_{12}Sb_2 \cdot 3H_2O$		500 g	PO01250500
• M = 667,87 g/mol	• UN 1551	1 kg	PO01251000
• CAS [28300-74-5]			
		GHS information: Warning. H302 - H332 - H411 P261 - P273 - P301+P312 - P304+P340 - P312 - P501a	
		assay (iodometric) min. 98 %	

Potassium bicarbonate. See Potassium hydrogen carbonate page 236

Potassium biphthalate. See Potassium hydrogen phthalate page 237

Potassium bisulfate. See Potassium hydrogen sulfate page 238

PO0160 Potassium bromate, extra pure



Bromic acid potassium salt



• M = 167,01 g/mol

• CAS [7758-01-2]

• Melting point: 434 °C

• UN 1484

GHS information: Danger.

H271 - H301 - H350

P221 - P283 - P210 - P301+P310 - P405 - P501a

Packaging Code

500 g PO01600500

1 kg PO01601000

crystalline powder, white

assay (iodometric)..... min. 99 %

PO0163 Potassium bromate, reagent grade, ACS, ISO, Reag. Ph Eur



Bromic acid potassium salt



• M = 167,01 g/mol

• CAS [7758-01-2]

• Melting point: 434 °C

• UN 1484

GHS information: Danger.

H271 - H301 - H350

P221 - P283 - P210 - P301+P310 - P405 - P501a

Packaging Code

500 g PO01630500

1 kg PO01631000

crystalline powder, white

assay (iodometric, on dried sample)..... min. 99,8 %

PO0165 Potassium bromate, solution 1/60 mol/l (0,1 N)



• M = 167,01 g/mol

• CAS [7758-01-2]

• Density: ~ 1,002

• UN 3287

GHS information: Danger.

H350

P281 - P201 - P202 - P308+P313 - P405 - P501a

Packaging Code

1 l PO01651000

Traceable to SRM from NIST

PO0166 Potassium bromide, synthesis grade



• M = 119,01 g/mol

• CAS [7758-02-3]

• Melting point: 730 °C

• Boiling point: 1380 °C

Packaging Code

500 g PO01660500

1 kg PO01661000

5 kg PO0166005P

crystals, colourless or white

assay (argentometric)..... min. 99,5 %

Hygroscopic

PO0167 Potassium bromide, reagent grade, ACS



• M = 119,01 g/mol

• CAS [7758-02-3]

• Melting point: 730 °C

• Boiling point: 1380 °C

Packaging Code

500 g PO01670500

1 kg PO01671000

crystals, colourless or white

assay (argentometric)..... min. 99,5 %

loss on drying (105 °C)..... max. 0,5 %

Hygroscopic

PO0168 Potassium bromide, IR spectroscopy grade



• M = 119,01 g/mol

• CAS [7758-02-3]

• Melting point: 730 °C

• Boiling point: 1380 °C

Packaging Code

100 g PO01680100

250 g PO01680250

Hygroscopic

suitability for IR spectroscopy..... passes test

Potas

PO0170 Potassium carbonate, extra pure, Ph Eur, BP, USP



Potash



- M = 138,21 g/mol
- CAS [584-08-7]

- Melting point: 891 °C

floury powder, white

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

assay (acidimetric, on dried

substance).....

residual solvents (Ph Eur/ICH).....

99,5 - 100,5 %

excluded by

production process

Packaging Code

500 g PO01700500

1 kg PO01701000

5 kg PO0170005P

25 kg PO0170025P

PO0171 Potassium carbonate, reagent grade, ACS, ISO, Reag. Ph Eur



Potash



- M = 138,21 g/mol
- CAS [584-08-7]

- Melting point: 891 °C

floury powder, white

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

assay (acidimetric, on dried

substance).....

min. 99 %

Packaging Code

500 g PO01710500

1 kg PO01711000

5 kg PO0171005P

25 kg PO0171025P

PO0177 Potassium carbonate, saturated solution



- M = 138,21 g/mol
- CAS [584-08-7]

- Density: 1,52

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

1 l PO01771000

PO0175 Potassium carbonate/sodium carbonate anhydrous, mixture 50%, reagent grade



GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

1 kg PO01751000

5 kg PO0175005P

assay (acidimetric) min. 99,0 %

PO0190 Potassium chlorate, extra pure



Chloric acid potassium salt



- M = 122,55 g/mol
- CAS [3811-04-9]
- Melting point: 356 °C

- Boiling point: 400 °C (decomposes)
- UN 1485

crystals, white

GHS information: Danger.

H271 - H302 - H332 - H411

P221 - P283 - P210 - P306+P360 - P371+P380+P375 - P501a

Packaging Code

500 g PO01900500

1 kg PO01901000

5 kg PO0190005P

25 kg PO0190025P

assay (oxidimetric)..... 99 - 101 %

PO0193 Potassium chlorate, reagent grade, ACS, Reag. Ph Eur



Chloric acid potassium salt



- M = 122,55 g/mol
- CAS [3811-04-9]
- Melting point: 356 °C

- Boiling point: 400 °C (decomposes)
- UN 1485

crystals, white

GHS information: Danger.

H271 - H302 - H332 - H411

P221 - P283 - P210 - P306+P360 - P371+P380+P375 - P501a

Packaging Code

500 g PO01930500

1 kg PO01931000

5 kg PO0193005P

assay (argentometric)..... min. 99 %

PO0199 Potassium chloride, extra pure, Ph Eur, BP, USP

Chloro potassium

KCl

• M = 74,56 g/mol
• CAS [7447-40-7]

• Melting point: 773 °C
• Boiling point: 1413 °C

crystals, white

assay (argentometric, on dried
substance).....
residual solvents (Ph Eur/ICH).....

99 - 100,5 %
excluded by
production process

Packaging Code

500 g  PO01990500
1 kg  PO01991000
5 kg  PO0199005P
25 kg  PO0199025P

PO0200 Potassium chloride, reagent grade, Reag. Ph Eur

Chloro potassium

KCl

• M = 74,56 g/mol
• CAS [7447-40-7]

• Melting point: 773 °C
• Boiling point: 1413 °C

crystals, white

assay (argentometric)..... min. 99,5 %

Packaging Code

250 g  PO02000250
500 g  PO02000500
1 kg  PO02001000
5 kg  PO0200005P
25 kg  PO0200025P

**PO0207 Potassium chloride, secondary standard for volumetric titrations,
Titrasure®**

Chloro potassium

KCl

• M = 74,56 g/mol
• CAS [7447-40-7]

• Melting point: 773 °C
• Boiling point: 1413 °C

Traceable to SRM from NIST

assay (on dried sample)..... 99,0 - 100,5 %

Packaging Code

100 g  PO02070100

PO0201 Potassium chloride, molecular biology grade

Chloro potassium

KCl

• M = 74,56 g/mol
• CAS [7447-40-7]

• Melting point: 773 °C
• Boiling point: 1413 °C

crystals, white

assay (argentometric)..... min. 99,5 %
DNases, RNases, Proteases non detected

Packaging Code

250 g  PO02010250
1 kg  PO02011000

PO0205 Potassium chloride, solution 3 mol/l, for filling electrodes

KCl

• M = 74,56 g/mol
• CAS [7447-40-7]

• Density: 1,13

Store between 15°C and 25°C

GHS information: EUH210

Packaging Code

250 ml  PO02050250
1 l  PO02051000

**PO0206 Potassium chloride, solution 3,5 mol/l with silver chloride, for filling
electrodes**

GHS information: EUH210

Packaging Code

250 ml  PO02060250

PO0214 Potassium chromate, reagent grade, ACS



Chromic acid potassium salt

K₂CrO₄

• M = 194,21 g/mol
• CAS [7789-00-6]
• Melting point: 985 °C

• Boiling point: 1000 °C
• UN 3288

crystals, yellow

GHS information: Danger.

H340 - H350i - H400 - H410 - H315 - H319 - H317 -
H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

assay (iodometric)..... min. 99,5 %

Packaging Code

500 g  PO02140500
1 kg  PO02141000
5 kg  PO0214005P

Potas

PO0216 Potassium chromate, solution 10% w/v, extra pure



Chromic acid potassium salt



- M = 194,21 g/mol
- CAS [7789-00-6]
- Density: ~ 1,08
- UN 3287

GHS information: Danger.
H340 - H350i - H317 - H411
P261 - P280 - P281 - P321 - P405 - P501a

Packaging Code
250 ml PO02160250

assay (iodometric)..... approx. 10 %

PO0215 Potassium chromate, solution 5% w/v, extra pure



Chromic acid potassium salt



- M = 194,21 g/mol
- CAS [7789-00-6]
- Density: ~ 1,04
- UN 3287

GHS information: Danger.
H340 - H350i - H317 - H411
P261 - P280 - P281 - P321 - P405 - P501a

Packaging Code
250 ml PO02150250

assay (iodometric)..... approx. 5 %

Potassium chromium(III) sulfate. See Chromium(III) potassium sulfate dodecahydrate page 71

PO0186 tri-Potassium citrate monohydrate, extra pure, Ph Eur, BP, USP

Citric acid potassium salt, Tripotassium citrate



- M = 324,42 g/mol
- CAS [6100-05-6]
- Melting point: 230 °C (decomposes)

assay (titr. with HClO₄ on dried substance) 99 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by production process

crystals, colourless
Store between 15°C and 25°C

Packaging Code
500 g PO01860500
1 kg PO01861000
5 kg PO0186005P

PO0180 Potassium cyanide, extra pure, Reag. Ph Eur



Cyanogen potassium



- M = 65,12 g/mol
- CAS [151-50-8]
- Melting point: 634 °C
- Boiling point: 1625 °C
- UN 1680

GHS information: Danger.
H300 - H310 - H330 - H400 - H410 - EUH032
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code
250 g PO01800250
1 kg PO01801000
5 kg PO0180005P

crystals, white
Hygroscopic
assay (argentometric)..... min. 96 %

PO0219 Potassium dichromate, extra pure



Potassium bichromate, Potassium pyrochromate



- M = 294,19 g/mol
- CAS [7778-50-9]
- Melting point: 398 °C
- Boiling point: > 500 °C
- UN 3288

GHS information: Danger.
H272 - H301 - H330 - H334 - H340 - H350 - H360FD -
H372 - H314 - H400 - H410 - H312
P221 - P301+P310 - P303+P361+P353 -
P305+P351+P338 - P310 - P320 - P405 - P501a

Packaging Code
500 g PO02190500
1 kg PO02191000
5 kg PO0219005P
25 kg PO0219025P

bright crystals, reddish orange
Store between 15°C and 25°C
assay (iodometric)..... min. 99,5 %

PO0220 Potassium dichromate, reagent grade, ACS, ISO, Reag. Ph Eur



Potassium bichromate, Potassium pyrochromate



- M = 294,19 g/mol
- CAS [7778-50-9]
- Melting point: 398 °C
- Boiling point: > 500 °C
- UN 3288

GHS information: Danger.
H272 - H301 - H330 - H334 - H340 - H350 - H360FD -
H372 - H314 - H400 - H410 - H312
P221 - P301+P310 - P303+P361+P353 -
P305+P351+P338 - P310 - P320 - P405 - P501a

Packaging Code
500 g PO02200500
1 kg PO02201000
5 kg PO0220005P
25 kg PO0220025P

bright crystals, reddish orange
Store between 15°C and 25°C
assay (iodometric)..... min. 99,9 %

PO0235 Potassium dichromate, secondary standard for volumetric titrations, Titrasure®



Potassium bichromate, Potassium pyrochromate



- M = 294,19 g/mol
- CAS [7778-50-9]
- Melting point: 398 °C

- Boiling point: > 500 °C
- UN 3288

GHS information: Danger.
H272 - H301 - H330 - H334 - H340 - H350 - H360FD -
H372 - H314 - H400 - H410 - H312
P221 - P301+P310 - P303+P361+P353 -
P305+P351+P338 - P310 - P320 - P405 - P501a

Packaging Code
100 g PO02350100

Store between 15°C and 25°C

Traceable to SRM from NIST

assay (on dried sample)..... ≥ 99,0 %

PO0231 Potassium dichromate, solution 1/6 mol/l (1 N)



- M = 294,19 g/mol
- CAS [7778-50-9]

- Density: 1,025
- UN 3287

GHS information: Danger.
H330 - H334 - H340 - H350 - H360 - H373 - H318 -
H302 - H315 - H317 - H411
P260 - P305+P351+P338 - P310 - P320 - P405 -
P501a

Packaging Code
1 l PO02311000

Store between 15°C and 25°C

Traceable to SRM from NIST

PO0232 Potassium dichromate, solution 1/24 mol/l (0,25 N)



- M = 294,19 g/mol
- CAS [7778-50-9]

- Density: 1,01
- UN 3287

GHS information: Danger.
H330 - H334 - H340 - H350 - H360 - H373 - H315 -
H319 - H317 - H412
P260 - P305+P351+P338 - P310 - P320 - P405 -
P501a

Packaging Code
1 l PO02321000

Store between 15°C and 25°C

Traceable to SRM from NIST

PO0233 Potassium dichromate, solution 0,04 mol/l, for COD determination



- M = 294,19 g/mol
- CAS [7778-50-9]

- Density: 1,004
- UN 3287

GHS information: Danger.
H330 - H334 - H340 - H350 - H360 - H373 - H315 -
H319 - H317 - H412
P260 - P305+P351+P338 - P310 - P320 - P405 -
P501a

Packaging Code
1 l PO02331000

Store between 15°C and 25°C

Traceable to SRM from NIST

PO0234 Potassium dichromate 0,04 mol/l / mercury(II) sulfate 80 g/l, solution in sulfuric acid, for COD determination, according to ISO 6060



- Density: ~ 1,19

- UN 2922

GHS information: Danger.
H302 - H331 - H314 - H334 - H317 - H340 - H350 -
H360 - H373 - H411
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l PO02341000

PO0230 Potassium dichromate, solution 1/60 mol/l (0,1N)



- M = 294,19 g/mol
- CAS [7778-50-9]

- Density: 1,002
- UN 3287

GHS information: Danger.
H340 - H350 - H360 - H332 - H412
P261 - P281 - P304+P340 - P312 - P405 - P501a

Packaging Code
1 l PO02301000

Store between 15°C and 25°C

Traceable to SRM from NIST

Potas

PO0218 Potassium dichromate, solution 1/120 mol/l (0,05 N)



- M = 294,19 g/mol
 - CAS [7778-50-9]
- UN 3287

GHS information: Danger.
H340 - H350 - H332 - H412
P261 - P281 - P304+P340 - P312 - P405 - P501a

Packaging Code
11 PO02181000

Store between 15°C and 25°C
Traceable to SRM from NIST

PO0221 Potassium dichromate, concentrated solution to prepare 1 l of solution 1/60 mol/l (0,1N)



- M = 294,19 g/mol
 - CAS [7778-50-9]
- Density: 1,06
 - UN 3287

GHS information: Danger.
H330 - H334 - H340 - H350 - H360 - H373 - H318 -
H302 - H315 - H317 - H411
P260 - P305+P351+P338 - P310 - P320 - P405 -
P501a

Packaging Code
u. PO022100PA

Store between 15°C and 25°C

PO0259 Potassium dihydrogen phosphate, extra pure, Ph Eur, BP, NF

Potassium biphosphate, Potassium phosphate monobasic, Primary potassium phosphate,



- M = 136,09 g/mol
 - CAS [7778-77-0]
- Melting point: ~ 253 °C (decomposes)

assay (acidimetric, on dried substance) 98 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code
500 g PO02590500
1 kg PO02591000
5 kg PO0259005P
25 kg PO0259025P

bright crystals, colourless

PO0260 Potassium dihydrogen phosphate, reagent grade, ACS, ISO, Reag. Ph Eur

Potassium biphosphate, Potassium phosphate monobasic, Primary potassium phosphate,



- M = 136,09 g/mol
 - CAS [7778-77-0]
- Melting point: ~ 253 °C (decomposes)

assay (acidimetric)..... min. 99,5 %

Packaging Code
250 g PO02600250
500 g PO02600500
1 kg PO02601000
5 kg PO0260005P
25 kg PO0260025P

bright crystals, colourless

PO0261 Potassium dihydrogen phosphate, HPLC grade

Potassium biphosphate, Potassium phosphate monobasic, Primary potassium phosphate,



- M = 136,09 g/mol
 - CAS [7778-77-0]
- Melting point: ~ 253 °C (decomposes)

assay (acidimetric)..... min. 99,5 %
maximum absorbance of an aqueous
solution (10 %) in a 1,0 cm cell at
wavelength:
210 nm..... absorbance:
220 nm..... 0,06 AU
230 nm..... 0,04 AU
300 nm..... 0,02 AU

Packaging Code
250 g PO02610250

humid crystals, colourless or white

PO0262 Potassium dihydrogen phosphate, molecular biology grade

Potassium biphosphate, Potassium phosphate monobasic, Primary potassium phosphate,



- M = 136,09 g/mol
 - CAS [7778-77-0]
- Melting point: ~ 253 °C (decomposes)

assay (acidimetric)..... min. 99,5 %
DNases, RNases, Proteases non detected

Packaging Code
100 g PO02620100
1 kg PO02621000

humid crystals, colourless or white

PO0242 Potassium disulfite, extra pure, Ph Eur, USP, NF*Potassium metabisulfite, Potassium pyrosulfite*

- M = 222,33 g/mol
- CAS [16731-55-8]

- Melting point: 190 °C

GHS information: Danger.

H318 - H335 - EUH031

P261 - P280 - P305+P351+P338 - P310 - P405 - P501a

assay (iodometric) 95 - 101 %
 assay (iodometric, SO₂) 51,8 - 57,6 %
 residual solvents (Ph Eur/ICH)..... excluded by
 production process

Packaging Code

1 kg PO02421000

5 kg PO0242005P

25 kg PO0242025P

PO0241 Potassium disulfite, reagent grade*Potassium metabisulfite, Potassium pyrosulfite*

- M = 222,33 g/mol
- CAS [16731-55-8]

- Melting point: 190 °C

GHS information: Danger.

H318 - H335 - EUH031

P261 - P280 - P305+P351+P338 - P310 - P405 - P501a

assay (iodometric) min. 96 %

Packaging Code

500 g PO02410500

1 kg PO02411000

5 kg PO0241005P

25 kg PO0241025P

*Potassium ferricyanide. See Potassium hexacyanoferrate(III) page 236**Potassium ferrocyanide. See Potassium hexacyanoferrate(II) trihydrate page 235***PO0256 Potassium fluoride, extra pure, Reag. Ph Eur***Fluorine potassium*

- M = 58,10 g/mol
- CAS [7789-23-3]
- Melting point: ~ 855 °C

- Boiling point: 1500 °C
- UN 1812

GHS information: Danger.

H301 - H311 - H331

P261 - P301+P310 - P361 - P321 - P405 - P501a

assay..... min. 99 %

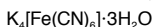
crystalline powder, white

Packaging Code

500 g PO02560500

1 kg PO02561000

25 kg PO0256025P

PO0247 Potassium hexacyanoferrate(II) trihydrate, extra pure*Potassium ferrocyanide, Yellow prussiate of potash, Ferrocyanpotassium*

- M = 422,39 g/mol
- CAS [14459-95-1]

- Melting point: ~ 70 °C (release of crystalline water)

GHS information: H412

P273 - P501a

assay (permanganometric)..... min. 99 %

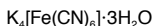
crystals, yellow

Packaging Code

1 kg PO02471000

5 kg PO0247005P

25 kg PO0247025P

PO0248 Potassium hexacyanoferrate(II) trihydrate, reagent grade, ACS, ISO, Reag. Ph Eur*Potassium ferrocyanide, Yellow prussiate of potash, Ferrocyanpotassium*

- M = 422,39 g/mol
- CAS [14459-95-1]

- Melting point: ~ 70 °C (release of crystalline water)

GHS information: H412

P273 - P501a

assay (permanganometric)..... 99 - 102 %

crystals, yellow

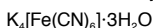
Packaging Code

500 g PO02480500

1 kg PO02481000

5 kg PO0248005P

25 kg PO0248025P

PO0249 Potassium hexacyanoferrate(II), solution 10% w/v*Potassium ferrocyanide solution*

- M = 422,39 g/mol
- CAS [14459-95-1]

- Density: 1,060

GHS information: EUH210

Packaging Code

250 ml PO02490250

Potas

PO0240 Potassium hexacyanoferrate(III), extra pure

Potassium ferricyanide, Ferricyanpotassium, Potassium cyanoferrate(III)



• M = 329,26 g/mol

• CAS [13746-66-2]

assay (iodometric)..... min. 99 %

Packaging	Code
500 g	PO02400500
1 kg	PO02401000
5 kg	PO0240005P
25 kg	PO0240025P

PO0243 Potassium hexacyanoferrate(III), reagent grade, ACS, ISO

Potassium ferricyanide, Ferricyanpotassium, Potassium cyanoferrate(III)



• M = 329,26 g/mol

• CAS [13746-66-2]

crystals, orange-red

assay (iodometric)..... min. 99 %
insoluble in water..... max. 0,005 %

Packaging	Code
500 g	PO02430500
1 kg	PO02431000
5 kg	PO0243005P
25 kg	PO0243025P

PO0120 Potassium hexahydroxoantimonate(V), extra pure



Potassium antimonate



• M = 262,90 g/mol

• CAS [12208-13-8]

• UN 1549

GHS information: Warning.
H302 - H332 - H411
P261 - P273 - P301+P312 - P304+P340 - P312 -
P501a

crystals, colourless

assay (as K₂SbO₃, referred to
ignited substance)..... min. 99 %

Packaging	Code
100 g	PO01200100

PO0173 Potassium hydrogen carbonate, reagent grade, Reag. Ph Eur

Potassium bicarbonate



• M = 100,12 g/mol

• CAS [298-14-6]

• Melting point: 292 °C

crystals, white

assay (acidimetric)..... min. 99,5 %

Packaging	Code
500 g	PO01730500
1 kg	PO01731000
5 kg	PO0173005P
25 kg	PO0173025P

PO0140 Potassium hydrogen oxalate, extra pure



Potassium bioxalate



• M = 128,13 g/mol

• CAS [127-95-7]

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

assay (permanganometric)..... min. 99 %

Packaging	Code
500 g	PO01400500
5 kg	PO0140005P

PO0257 di-Potassium hydrogen phosphate anhydrous, extra pure, Ph Eur, BP, USP

Dipotassium hydrogen phosphate, Potassium phosphate dibasic



• M = 174,18 g/mol

• CAS [7758-11-4]

Store between 15°C and 25°C

assay (acidimetric, on dried substance) 98 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging	Code
500 g	PO02570500
1 kg	PO02571000
5 kg	PO0257005P
25 kg	PO0257025P

PO0258 di-Potassium hydrogen phosphate anhydrous, reagent grade,
 ACS, Reag. Ph Eur

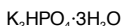
Dipotassium hydrogen phosphate, Potassium phosphate dibasic


• M = 174,18 g/mol

• CAS [7758-11-4]

Store between 15°C and 25°C

assay (acidimetric, on dried substance) min. 99 %

Packaging Code
500 g  PO025805001 kg  PO025810005 kg  PO0258005P25 kg  PO0258025P
PO0269 di-Potassium hydrogen phosphate trihydrate, extra pure
Secondary potassium phosphate, Potassium phosphate dibasic


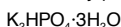
• M = 228,23 g/mol

• CAS [16788-57-1]

humid crystals, colourless or white

assay (acidimetric) 98 - 102 %

Packaging Code
500 g  PO026905001 kg  PO026910005 kg  PO0269005P
PO0271 di-Potassium hydrogen phosphate trihydrate, reagent grade,
 Reag. Ph Eur

Secondary potassium phosphate, Potassium phosphate dibasic


• M = 228,23 g/mol

• CAS [16788-57-1]

humid crystals, colourless or white

assay (acidimetric) min. 98 %

Packaging Code
500 g  PO027105001 kg  PO027110005 kg  PO0271005P
PO0270 di-Potassium hydrogen phosphate trihydrate, HPLC grade
Secondary potassium phosphate, Potassium phosphate dibasic


• M = 228,23 g/mol

• CAS [16788-57-1]

humid crystals, colourless

assay (acidimetric) min. 99 %

maximum absorbance of an aqueous
solution (10%) in a 1,0 cm cell at

wavelength:

230 nm absorbance:

240 nm 0,1 AU

250 nm 0,06 AU

310 nm 0,04 AU

..... 0,02 AU

Packaging Code
250 g  PO027002501 kg  PO02701000
PO0130 Potassium hydrogen phthalate, reagent grade, Reag. Ph Eur
Potassium biphthalate, Phthalic acid monopotassium salt


• M = 204,22 g/mol

• Melting point: 295 - 300 °C

• CAS [877-24-7]

crystals, colourless or white

Store between 15°C and 25°C

assay (acidimetric, on dried sample) min. 99,9 %

Packaging Code
500 g  PO013005001 kg  PO013010005 kg  PO0130005P
PO0131 Potassium hydrogen phthalate, secondary standard for volumetric
 titrations, Titrasure®

Potassium biphthalate, Phthalic acid monopotassium salt


• M = 204,22 g/mol

• Melting point: 295 - 300 °C

• CAS [877-24-7]

Store between 15°C and 25°C

Traceable to SRM from NIST

assay (acidimetric, on dried sample) 99,95 - 100,05 %

Packaging Code
100 g  PO01310100

Potas

PO0272 Potassium hydrogen sulfate, extra pure, Reag. Ph Eur



Potassium bisulfate



- M = 136,17 g/mol
- CAS [7646-93-7]

- Melting point: 210 °C (decomposes)
- UN 2509

GHS information: Danger.

H314 - H335
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

500 g PO02720500
1 kg PO02721000
5 kg PO0272005P

humid crystals, colourless

assay (acidimetric) min. 99 %

PO0150 Potassium hydrogen tartrate, extra pure, Ph Eur, BP

Potassium bitartrate, Tartaric acid monopotassium salt



- M = 188,14 g/mol
- CAS [868-14-4]

- Melting point: ~ 250 °C (decomposes)

assay (acidimetric, on dried substance) 99,5 - 100,5 %
residual solvents (Ph Eur/ICH) excluded by
production process

Packaging Code

500 g PO01500500
1 kg PO01501000

PO0263 Potassium hydroxide, 90%, flakes, pure



Potash caustic, Potassium hydrate, Potassium oxide hydrate



- M = 56,11 g/mol
- CAS [1310-58-3]
- Melting point: 360 °C

- Boiling point: 1320 °C
- UN 1813

GHS information: Danger.

H314 - H302
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 kg PO02631000
5 kg PO0263005P

flakes, white or almost white, up to 2cm

Hygroscopic

PO0266 Potassium hydroxide, pellets, extra pure, Ph Eur, BP, NF



Potash caustic, Potassium hydrate, Potassium oxide hydrate



- M = 56,11 g/mol
- CAS [1310-58-3]
- Melting point: 360 °C

- Boiling point: 1320 °C
- UN 1813

GHS information: Danger.

H314 - H302
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

500 g PO02660500
1 kg PO02661000
5 kg PO0266005P
25 kg PO0266025P

Hygroscopic

assay (acidimetric) min. 85 %
residual solvents (Ph Eur/ICH) excluded by
production process

PO0275 Potassium hydroxide, pellets, reagent grade, ACS, ISO, Reag. Ph Eur



Potash caustic, Potassium hydrate, Potassium oxide hydrate



- M = 56,11 g/mol
- CAS [1310-58-3]
- Melting point: 360 °C

- Boiling point: 1320 °C
- UN 1813

GHS information: Danger.

H314 - H302
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

500 g PO02750500
1 kg PO02751000
5 kg PO0275005P
25 kg PO0275025P

Hygroscopic

assay (acidimetric) min. 85 %

PO0273 Potassium hydroxide, solution 40% w/v, extra pure



Caustic potash, Potassium hydrate, Potassium oxide hydrate



- M = 56,11 g/mol
- CAS [1310-58-3]

- Density: 1,29
- UN 1814

GHS information: Danger.

H314 - H302
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l PO02731000

Store between 15°C and 25°C

PO0288 Potassium hydroxide, solution 2 mol/l (2 N)**KOH**

• M = 56,11 g/mol
• CAS [1310-58-3]

• Density: ~ 1,09
• UN 1814

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code1 l
PO02881000

Store between 15°C and 25°C

Traceable to SRM from NIST

PO0280 Potassium hydroxide, solution 1 mol/l (1 N)**KOH**

• M = 56,11 g/mol
• CAS [1310-58-3]

• Density: 1,05
• UN 1814

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code500 ml
PO028005001 l
PO028010005 l
PO0280005P10 l
PO0280010C

Store between 15°C and 25°C

Traceable to SRM from NIST

PO0281 Potassium hydroxide, solution 0,5 mol/l (0,5 N)**KOH**

• M = 56,11 g/mol
• CAS [1310-58-3]

• Density: 1,02
• UN 1814

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code1 l
PO028110005 l
PO0281005P10 l
PO0281010C

Store between 15°C and 25°C

Traceable to SRM from NIST

PO0283 Potassium hydroxide, solution 0,23 mol/l (0,23 N), for determination of crude fibre, according to Weende**KOH**

• M = 56,11 g/mol
• CAS [1310-58-3]

• Density: 1
• UN 1814

GHS information: Warning.

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Packaging Code1 l
PO028310005 l
PO0283005P10 l
PO0283010C

Store between 15°C and 25°C

Traceable to SRM from NIST

PO0282 Potassium hydroxide, solution 0,1 mol/l (0,1 N)**KOH**

• M = 56,11 g/mol
• CAS [1310-58-3]
• Density: 1,01

• Boiling point: ~ 100 °C
• UN 1814

GHS information: Warning.

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Packaging Code1 l
PO028210005 l
PO0282005P10 l
PO0282010C

Store between 15°C and 25°C

Traceable to SRM from NIST

PO0277 Potassium hydroxide, concentrated solution to prepare 1 l of solution 1 mol/l (1 N)**KOH**

• M = 56,11 g/mol
• CAS [1310-58-3]

• Density: 1,58
• UN 1814

GHS information: Danger.

H314 - H302
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Codeu.
PO027700PA**PO0276 Potassium hydroxide, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,1 N)****KOH**

• M = 56,11 g/mol
• CAS [1310-58-3]

• Density: 1,09
• UN 1814

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Codeu.
PO027600PA

Store between 15°C and 25°C

Potas

PO0278 Potassium hydroxide, ethanolic solution 0,5 mol/l



KOH		GHS information: Danger.		Packaging	Code
• M = 56,11 g/mol • CAS [1310-58-3]	• Density: 0,82 • UN 2924	H225 - H314			
		P210 - P303+P361+P353 - P305+P351+P338 - P310 -			
		P405 - P501a			
Store between 15°C and 25°C					
Traceable to SRM from NIST					

PO0284 Potassium hydroxide, ethanolic solution 0,1 mol/l



KOH		GHS information: Danger.		Packaging	Code
• M = 56,11 g/mol • CAS [1310-58-3]	• Density: 0,80 • UN 2924	H225 - H315 - H319		1 l	PO02841000
		P210 - P241 - P303+P361+P353 - P305+P351+P338 -			
		P321 - P501a			
Store between 15°C and 25°C					
Traceable to SRM from NIST					

PO0292 Potassium hydroxide, solution 0,1 mol/l (0,1 N) in methanol



• Density: 0,80		• UN 1992	GHS information: Danger.	Packaging	Code
			H225 - H315 - H319 - H370	1 l	PO02921000
			P210 - P241 - P303+P361+P353 - P305+P351+P338 -		
			P405 - P501a		
Store between 15°C and 25°C					
Traceable to SRM from NIST					

PO0289 Potassium hydroxide, solution 0,1 mol/l (0,1 N) in 2-propanol



KOH		GHS information: Danger.		Packaging	Code
• M = 56,11 g/mol • CAS [1310-58-3]	• Density: 0,79 • UN 2924	H225 - H315 - H319 - H336			
		P210 - P241 - P303+P361+P353 - P305+P351+P338 -			
		P405 - P501a			
Store between 15°C and 25°C					
Traceable to SRM from NIST					

PO0401 Potassium iodate, extra pure



KIO ₃		GHS information: Danger.		Packaging	Code
• M = 214,00 g/mol • CAS [7758-05-6]	• Melting point: 560 °C • UN 1479	H272		100 g 	PO04010100
		P221 - P210 - P220 - P280 - P370+P378a - P501a		250 g 	PO04010250
		assay (iodometric)(on dried substance).... 99 - 101 %		1 kg 	PO04011000
crystals, almost white			5 kg 	PO0401005P	
Store between 15°C and 25°C					

PO0400 Potassium iodate, reagent grade, ACS, ISO, Reag. Ph Eur



KIO ₃		GHS information: Danger.		Packaging	Code
• M = 214,00 g/mol • CAS [7758-05-6]	• Melting point: 560 °C • UN 1479	H272		100 g 	PO04000100
		P221 - P210 - P220 - P280 - P370+P378a - P501a		250 g 	PO04000250
		assay (iodometric).....	99,7 - 100,4 %	1 kg 	PO04001000
crystals, almost white					
Store between 15°C and 25°C					

PO0404 Potassium iodate, secondary standard for volumetric titrations, Titrasure®



KIO ₃		GHS information: Danger.		Packaging	Code
• M = 214,00 g/mol • CAS [7758-05-6]	• Melting point: 560 °C • UN 1479	H272			
		P221 - P210 - P220 - P280 - P370+P378a - P501a			
		assay (on dried sample)..... 99,4 - 100,4 %			
Store between 15°C and 25°C					
Traceable to SRM from NIST					
				100 g 	PO04040100

PO0403 Potassium iodate, solution 1/60 mol/l (0,1N)

KIO₃

• M = 214,00 g/mol
• CAS [7758-05-6]

• Density: 1,00

Packaging Code
1 l  PO04031000

Traceable to SRM from NIST

PO0411 Potassium iodide, extra pure, Ph Eur, BP, USP

Knollide

KI

• M = 166,01 g/mol
• CAS [7681-11-0]

• Melting point: 686 °C
• Boiling point: 1330 °C

crystals, white or almost white

Hygroscopic

assay (argentometric, on dried substance)..... 99 - 100,5 %
residual solvents (Ph Eur/ICH) class 3.... max. 0,1 %
other residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging Code
250 g  PO04110250
500 g  PO04110500
1 kg  PO04111000
5 kg  PO0411005P

PO0410 Potassium iodide, reagent grade, ACS, ISO, Reag. Ph Eur

Knollide

KI

• M = 166,01 g/mol
• CAS [7681-11-0]

• Melting point: 686 °C
• Boiling point: 1330 °C

crystals, white or almost white

Hygroscopic

assay (argentometric)..... min. 99,5 %

Packaging Code
250 g  PO04100250
500 g  PO04100500
1 kg  PO04101000
5 kg  PO0410005P

PO0416 Potassium iodide, solution 30% w/v

Knollide

KI

• M = 166,01 g/mol
• CAS [7681-11-0]

• Density: 1,2

GHS information: EUH210

Packaging Code
500 ml  PO04160500

PO0415 Potassium iodide, solution 15% w/v, extra pure

Knollide

KI

• M = 166,01 g/mol
• CAS [7681-11-0]

GHS information: EUH210

Packaging Code
1 l  PO04151000

PO0340 Potassium metaperiodate, reagent grade, ACS



Potassium tetroxiodate

KIO₄

• M = 230,00 g/mol
• CAS [7790-21-8]

• Melting point: 581 °C
• UN 1479

GHS information: Danger.
H272
P221 - P210 - P220 - P280 - P370+P378a - P501a

assay (iodometric, on dried sample)..... 99,8 - 100,3 %

Packaging Code
100 g  PO03400100
250 g  PO03400250
1 kg  PO03401000

Potassium metabisulfite. See Potassium disulfite page 235

Potas

PO0279 Potassium nitrate, pure



Nitric acid potassium salt, Saltpeter



- M = 101,11 g/mol
- CAS [7757-79-1]

- Melting point: 334 °C
- UN 1486

powder, yellowish

GHS information: Danger.

H272

P221 - P210 - P220 - P280 - P370+P378a - P501a

Packaging Code

500 g PO02790500

1 kg PO02791000

5 kg PO0279005P

25 kg PO0279025P

PO0285 Potassium nitrate, extra pure, Ph Eur, BP, USP



Nitric acid potassium salt, Saltpeter



- M = 101,11 g/mol
- CAS [7757-79-1]

- Melting point: 334 °C
- UN 1486

crystals, white

GHS information: Danger.

H272

P221 - P210 - P220 - P280 - P370+P378a - P501a

Packaging Code

500 g PO02850500

1 kg PO02851000

5 kg PO0285005P

25 kg PO0285025P

assay (acidimetric, on dried substance)
residual solvents (Ph Eur/ICH).....

99 - 100,5 %
excluded by
production process

PO0287 Potassium nitrate, reagent grade, ACS, ISO, Reag. Ph Eur



Nitric acid potassium salt, Saltpeter



- M = 101,11 g/mol
- CAS [7757-79-1]

- Melting point: 334 °C
- UN 1486

crystals, white

GHS information: Danger.

H272

P221 - P210 - P220 - P280 - P370+P378a - P501a

Packaging Code

500 g PO02870500

1 kg PO02871000

5 kg PO0287005P

assay (acidimetric)..... min. 99 %

PO0291 Potassium nitrite, extra pure



Nitrous acid potassium salt



- M = 85,11 g/mol
- CAS [7758-09-0]

- Melting point: 440 °C
- UN 1488

bright crystals, yellow
Hygroscopic

GHS information: Danger.

H272 - H301 - H400

P221 - P210 - P301+P310 - P321 - P405 - P501a

Packaging Code

500 g PO02910500

1 kg PO02911000

5 kg PO0291005P

assay (cerimetric, on dried substance) 95 - 100,5 %

PO0290 Potassium nitrite, crystallized, reagent grade, ACS



Nitrous acid potassium salt



- M = 85,11 g/mol
- CAS [7758-09-0]

- Melting point: 440 °C
- UN 1488

bright crystals, yellow
Hygroscopic

GHS information: Danger.

H272 - H301 - H400

P221 - P210 - P301+P310 - P321 - P405 - P501a

Packaging Code

250 g PO02900250

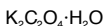
500 g PO02900500

assay (permanganometric)..... min. 97 %

PO0309 di-Potassium oxalate monohydrate, extra pure



Oxalic acid dipotassium salt monohydrate



- M = 184,24 g/mol
- CAS [6487-48-5]

- UN 2811

crystals, colourless or white

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

Packaging Code

500 g PO03090500

1 kg PO03091000

5 kg PO0309005P

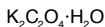
25 kg PO0309025P

assay (permanganometric)..... min. 99 %

PO0310 di-Potassium oxalate monohydrate, reagent grade, ACS



Oxalic acid dipotassium salt monohydrate



- M = 184,24 g/mol
- CAS [6487-48-5]

• UN 2811

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

crystals, colourless or white

assay (permanganometric)..... 99,5 - 101 %

Packaging Code

500 g PO03100500

1 kg PO03101000

5 kg PO0310005P

25 kg PO0310025P

PO0319 Potassium perchlorate, extra pure



Peroidin, Perchloracap



- M = 138,55 g/mol
- CAS [7778-74-7]

- Melting point: 610 °C
- UN 1489

GHS information: Danger.

H271 - H302

P221 - P283 - P210 - P306+P360 - P371+P380+P375 - P501a

assay (argentometric, on dried substance)..... 99 - 100,5 %

Packaging Code

500 g PO03190500

1 kg PO03191000

5 kg PO0319005P

PO0320 Potassium perchlorate, reagent grade, ACS



Peroidin, Perchloracap



- M = 138,55 g/mol
- CAS [7778-74-7]

- Melting point: 610 °C
- UN 1489

GHS information: Danger.

H271 - H302

P221 - P283 - P210 - P306+P360 - P371+P380+P375 - P501a

assay (argentometric)..... 99,5 - 100,5 %

Packaging Code

500 g PO03200500

1 kg PO03201000

PO0330 Potassium permanganate, extra pure, Ph Eur, BP, USP



Permanganic acid potassium salt



- M = 158,04 g/mol
- CAS [7722-64-7]

- Melting point: > 240 °C (decomposes)
- UN 1490

GHS information: Danger.

H272 - H400 - H410 - H302

P221 - P210 - P220 - P280 - P301+P312 - P501a

crystals, violet or dark green

assay (iodometric)..... 99 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging Code

500 g PO03300500

1 kg PO03301000

5 kg PO0330005P

25 kg PO0330025P

PO0331 Potassium permanganate, reagent grade, ACS, ISO, Reag. Ph Eur



Permanganic acid potassium salt



- M = 158,04 g/mol
- CAS [7722-64-7]

- Melting point: > 240 °C (decomposes)
- UN 1490

GHS information: Danger.

H272 - H400 - H410 - H302

P221 - P210 - P220 - P280 - P301+P312 - P501a

crystals, violet or dark green

assay (permanganometric)..... min. 99 %

Packaging Code

500 g PO03310500

1 kg PO03311000

5 kg PO0331005P

PO0335 Potassium permanganate, solution 0,2 mol/l (1 N)



- M = 158,04 g/mol
- CAS [7722-64-7]

- Density: 1,01
- UN 3082

GHS information: H411

P273 - P391 - P501a

Packaging Code

1 l PO03351000

Store between 15°C and 25°C

Traceable to SRM from NIST

Potas

PO0336 Potassium permanganate, solution 0,02 mol/l (0,1 N)



• M = 158,04 g/mol
• CAS [7722-64-7]

• Density: 1,01

GHS information: H412
P273 - P501a

Packaging Code

1 l  PO03361000

Store between 15°C and 25°C

Traceable to SRM from NIST

PO0333 Potassium permanganate, concentrated solution to prepare 1 l of solution 0,02 mol/l (0,1 N)



• M = 158,04 g/mol
• CAS [7722-64-7]

• Density: 1,03
• UN 3082

GHS information: H411
P273 - P391 - P501a

Packaging Code

u. l.  PO033300GA

Store between 15°C and 25°C

PO0350 Potassium peroxodisulfate, extra pure, Reag. Ph Eur



Potassium persulfate, Peroxydisulfuric acid dipotassium salt



• M = 270,33 g/mol
• CAS [7727-21-1]

• Melting point: 100 °C
(decomposes)
• UN 1492

GHS information: Danger.
H334 - H272 - H302 - H335 - H315 - H319 - H317
P221 - P210 - P285 - P305+P351+P338 - P405 -
P501a

Packaging Code

500 g  PO03500500

1 kg  PO03501000

5 kg  PO0350005P

25 kg  PO0350025P

Store between 15°C and 25°C

assay (iodometric)..... min. 98 %

Potassium persulfate. See Potassium peroxodisulfate page 244

Potassium phosphate dibasic. See di-Potassium hydrogen phosphate trihydrate page 237

Potassium phosphate dibasic anhydrous. See di-Potassium hydrogen phosphate anhydrous page 236

Potassium phosphate monobasic. See Potassium dihydrogen phosphate page 234

Potassium pyrosulfite. See Potassium disulfite page 235

PO0353 Potassium sodium tartrate tetrahydrate, extra pure, Ph Eur, BP, USP

Sodium potassium tartrate, Tartaric acid potassium sodium salt



• M = 282,23 g/mol
• CAS [6381-59-5]

• Melting point: 70 - 80 °C

elongate crystals, colourless, up to 3mm

assay (titr. with HClO_4 , on
anhydrous substance..... 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code

500 g  PO03530500

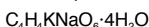
1 kg  PO03531000

5 kg  PO0353005P

25 kg  PO0353025P

PO0355 Potassium sodium tartrate tetrahydrate, reagent grade, ACS, ISO

Sodium potassium tartrate, Tartaric acid potassium sodium salt



• M = 282,23 g/mol
• CAS [6381-59-5]

• Melting point: 70 - 80 °C

elongate crystals, colourless, up to 3mm

assay (titr. with HClO_4)..... 99 - 102 %

Packaging Code

250 g  PO03550250

500 g  PO03550500

1 kg  PO03551000

5 kg  PO0355005P

P00360 Potassium sorbate, extra pure, Ph Eur, BP, NF



Sorbic acid potassium salt



- M = 150,22 g/mol
- CAS [24634-61-5]

- Melting point: ~ 270 °C (decomposes)

Store between 15°C and 25°C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric, on dried substance)
residual solvents (Ph Eur/NF) class 3.....
other residual solvents (Ph Eur/NF).....

99 - 101 %
max. 0,5 %
excluded by
production process

Packaging Code

500 g PO03600500
1 kg PO03601000
5 kg PO0360005P
25 kg PO0360025P

P00363 Potassium sulfate, extra pure, Ph Eur, BP

Sulfuric acid potassium salt



- M = 174,27 g/mol
- CAS [7778-80-5]

- Melting point: 1069 °C
- Boiling point: 1689 °C

crystals, white
Hygroscopic

assay (acidimetric, on dried
substance).....

98,5 - 101 %

Packaging Code

500 g PO03630500
1 kg PO03631000
5 kg PO0363005P
25 kg PO0363025P

P00365 Potassium sulfate, reagent grade, ACS, ISO, Reag. Ph Eur

Sulfuric acid potassium salt



- M = 174,27 g/mol
- CAS [7778-80-5]

- Melting point: 1069 °C
- Boiling point: 1689 °C

crystals, white
Hygroscopic

assay (acidimetric).....

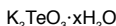
min. 99 %

Packaging Code

250 g PO03650250
500 g PO03650500
1 kg PO03651000
5 kg PO0365005P

Potassium sulfocyanide. See Potassium thiocyanate page 245

P00380 Potassium tellurite hydrate, for bacteriology



- M = 253,79 g/mol
- CAS [123333-66-4]

- Melting point: 460 - 470 °C (decomposes)
- UN 3284

Store between 15°C and 25°C

GHS information: Danger.

H301 - H315 - H319

P280 - P301+P310 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

25 g PO03800025

P00369 Potassium thiocyanate, extra pure



Potassium sulfocyanate, Potassium rhodanide, Potassium sulfocyanide



- M = 97,18 g/mol
- CAS [333-20-0]

- Melting point: 175 °C
- Boiling point: 500 °C (decomposes)

humid crystals, colourless or white
Hygroscopic

GHS information: Warning.

H302 - H312 - H332 - H412 - EUH032

P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

Packaging Code

500 g PO03690500
1 kg PO03691000
5 kg PO0369005P
25 kg PO0369025P

assay (argentometric).....

min. 98 %

Potas

PO0370 Potassium thiocyanate, reagent grade, ACS, ISO, Reag. Ph Eur



Potassium sulfocyanate, Potassium rhodanide, Potassium sulfocyanide

KSCN

• M = 97,18 g/mol
• CAS [333-20-0]

• Melting point: 175 °C
• Boiling point: 500 °C
(decomposes)

GHS information: Warning.
H302 - H312 - H332 - H412 - EUH032
P261 - P280 - P322 - P301+P312 - P304+P340 -
P501a

Packaging Code

500 g PO03700500
1 kg PO03701000
5 kg PO0370005P

humid crystals, colourless or white

assay (argentometric)..... min. 99 %

Hygroscopic

PO0372 Potassium thiocyanate, solution 5% w/v

Potassium sulfocyanate, Potassium rhodanide

KSCN

• M = 97,18 g/mol
• CAS [333-20-0]

• Density: 1,022

GHS information: EUH210

Packaging Code

250 ml PO03720250
1 l PO03721000

PO0375 Potassium thiocyanate, solution 0,1 mol/l (0,1 N)

KSCN

• M = 97,18 g/mol
• CAS [333-20-0]

• Density: 1,00

Packaging Code

1 l PO03751000

Traceable to SRM from NIST

PR0025 Procaine hydrochloride, extra pure, Ph Eur, BP, USP



2-Diethylamino-4-amino-benzoate hydrochloride

$C_{13}H_{20}N_2O_2 \cdot HCl$

• M = 272,78 g/mol
• CAS [51-05-8]

• Melting point: 155 - 157 °C
• UN 2811

GHS information: Danger.
H301
P264 - P270 - P301+P310 - P321 - P405 - P501a

Packaging Code

100 g PR00250100

Store between 15°C and 25°C

assay (acidimetric, on dried sample) 99 - 101 %
other residual solvents (Ph Eur/ICH)..... excluded by
production process

PR0055 L-Proline, extra pure, Ph Eur, BP, USP, NF

2-Pyrrolidine carboxylic acid

$C_5H_9NO_2$

• M = 115,13 g/mol
• CAS [147-85-3]

• Melting point: 220 - 222 °C

Packaging Code

10 g PR00550010
100 g PR00550100

Store between 5°C and 30°C

assay (titr. with $HClO_4$, on dried
substance)..... 98,5 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

1,3-Propanedioic acid. See Malonic acid page 178

1,2-Propanediol. See 1,2-Propylene glycol page 251

AL0436 1-Propanol, extra pure, Ph Eur

n-Propyl alcohol, Ethylcarbinol, 1-Hydroxypropane, n-Propanol


- M = 60,10 g/mol
- CAS [71-23-8]
- Density: 0,80

- Melting point: -127 °C
- Boiling point: 96,5 - 98 °C
- UN 1274

GHS information: Danger.

H225 - H318 - H336

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (G.C.).....	min. 99 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,2 %

Packaging Code

1 l	AL04361000
2,5 l	AL04362500
5 l	AL0436005P
25 l	AL0436025A
25 l	AL0436025S

AL0437 1-Propanol, reagent grade

n-Propyl alcohol, Ethylcarbinol, 1-Hydroxypropane, n-Propanol


- M = 60,10 g/mol
- CAS [71-23-8]
- Density: 0,80

- Melting point: -127 °C
- Boiling point: 96,5 - 98 °C
- UN 1274

GHS information: Danger.

H225 - H318 - H336

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,0005 %
water (K.F.).....	max. 0,05 %

Packaging Code

1 l	AL04371000
2,5 l	AL04372500
5 l	AL0437005P
25 l	AL0437025S

AL0438 1-Propanol, HPLC grade

n-Propyl alcohol, Ethylcarbinol, 1-Hydroxypropane, n-Propanol


- M = 60,10 g/mol
- CAS [71-23-8]
- Density: 0,80

- Melting point: -127 °C
- Boiling point: 96,5 - 98 °C
- UN 1274

GHS information: Danger.

H225 - H318 - H336

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,05 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
210 nm.....	20 % 0,699 AU
220 nm.....	50 % 0,301 AU
250 nm.....	90 % 0,046 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l	AL04381000
2,5 l	AL04382500
7 l	AL0438007E
25 l	AL0438025S

AL0310 2-Propanol, synthesis grade

Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane


- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.

H225 - H319 - H336

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....	min. 99,5 %
-------------------	-------------

Hygroscopic

Store between 5°C and 30°C

Packaging Code

1 l	AL03101000
2,5 l	AL03102500
5 l	AL0310005P
25 l	AL0310025P

AL0311 2-Propanol, extra pure, Ph Eur, BP, USP

Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane


- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.

H225 - H319 - H336

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,2 %
other residual solvents (Ph Eur/ICH).....	excluded by process production

Hygroscopic

Store between 5°C and 30°C

Packaging Code

1 l	AL03111000
2,5 l	AL03112500
5 l	AL0311005P
25 l	AL0311025A
25 l	AL0311025S

Propa

AL0323 2-Propanol, analytical grade, ACS, Reag. Ph Eur, USP



Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane



- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.
H225 - H319 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Hygroscopic
Store between 5°C and 30°C

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,1 %

Packaging	Code
1 l	AL03231000
2,5 l	AL03232500
5 l	AL0323005P
7 l	AL0323007E
25 l	AL0323025P
25 l	AL0323025S

AL0312 2-Propanol, reagent grade, ACS, ISO, Reag. Ph Eur, packed in UHDPE bottles



Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane



- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.
H225 - H319 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Hygroscopic
Store between 5°C and 30°C

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,05 %

Packaging	Code
1 l	AL03121000
2,5 l	AL03122500
5 l	AL0312005P
25 l	AL0312025P

AL0316 2-Propanol, dried (max. 0,01% H₂O), reagent grade, ACS, ISO



Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane



- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.
H225 - H319 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Hygroscopic
Store between 5°C and 30°C

assay (G.C.)..... min. 99,8 %

Packaging	Code
1 l	AL03161000
2,5 l	AL03162500

AL0321 2-Propanol, Multisolvent® HPLC grade ACS ISO UV-VIS



Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane



- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.
H225 - H319 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Hygroscopic
Store between 5°C and 30°C

assay (G.C.)..... min. 99,8 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,05 %
min. transmission/max. absorbance
wavelength: T(%) A (AU)
207 nm..... 10 % 1,000 AU
217 nm..... 50 % 0,301 AU
232 nm..... 80 % 0,097 AU
242 nm..... 90 % 0,046 AU
260 nm..... 98 % 0,009 AU
Microfiltered through membranes
of pore diameter 0,22 µm

Packaging	Code
1 l	AL03211000
2,5 l	AL03212500
4 l	AL03214000
7 l	AL0321007E
25 l	AL0321025S

AL0314 2-Propanol, spectroscopy grade, Spectroso[®]

Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane
Packaging Code


- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.

H225 - H319 - H336

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

1 l AL03141000

2,5 l AL03142500

Hygroscopic

Store between 5°C and 30°C

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,05 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
207 nm.....	10 % 1,000 AU
217 nm.....	50 % 0,301 AU
232 nm.....	80 % 0,097 AU
242 nm.....	90 % 0,046 AU
260 nm.....	98 % 0,009 AU

AL0315 2-Propanol, gradient HPLC grade

Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane
Packaging Code


- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.

H225 - H319 - H336

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

1 l AL03151000

2,5 l AL03152500

7 l AL0315007E

25 l AL0315025S

Hygroscopic

Store between 5°C and 30°C

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,05 %
gradient grade (240 nm)	
maximum background absorbance.....	0,025 AU
maximum peak absorbance.....	0,002 AU
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
210 nm.....	20 % 0,699 AU
215 nm.....	50 % 0,301 AU
240 nm.....	90 % 0,046 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	
suitable for UPLC	

AL0326 2-Propanol, LC-MS

Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane
Packaging Code


- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.

H225 - H319 - H336

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

1 l AL03261000

2,5 l AL03262500

Hygroscopic

Store between 5°C and 30°C

assay (G.C.).....	min. 99,9 %
potassium (K).....	max. 0,00001 %
sodium (Na).....	max. 0,00001 %
non-volatile matter.....	max. 0,0005 %
water (K.F.).....	max. 0,05 %
suitability for use in LC-MS.....	passes test

AL0319 2-Propanol, for GC residue analysis

Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane
Packaging Code


- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.

H225 - H319 - H336

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

1 l AL03191000

2,5 l AL03192500

Hygroscopic

Store between 5°C and 30°C

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,05 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	
Suitable for highly volatile halogenated	
hydrocarbons trace analysis	
Suitable for pesticide and polycyclic	
aromatic hydrocarbons residue analysis	

Propa

AL0317 2-Propanol, 99,8%, anhydrous (max. 0,005 % H₂O)



Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane



- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.
H225 - H319 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
100 ml AL03170100
500 ml AL03170500
1 l AL03171000

Hygroscopic

Store between 5°C and 30°C

assay (G.C.)..... min. 99,8 %
water (K.F.)..... max. 0,005 %

AL0324 2-Propanol, 99,5 %, anhydrous (max. 0,005 % H₂O), with molecular sieves



Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane



- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.
H225 - H319 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l AL03241000

Hygroscopic

Store between 5°C and 30°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

AL0322 2-Propanol, VLSI grade



Isopropyl alcohol, Isopropanol, iso-Propanol, Dimethylcarbinol, 2-Hydroxypropane



- M = 60,10 g/mol
- CAS [67-63-0]
- Density: 0,78

- Melting point: -89,5 °C
- Boiling point: 82,4 °C
- UN 1219

GHS information: Danger.
H225 - H319 - H336
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l AL03221000
2,5 l AL03222500

Hygroscopic

Store between 5°C and 30°C

2-Propanone. See Acetone page 4

AC1891 Propionic acid, extra pure



Methyl acetic acid



- M = 74,08 g/mol
- CAS [79-09-4]
- Density: 0,99

- Melting point: -22 °C
- Boiling point: 140 - 142 °C
- UN 3463

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l AC18911000
2,5 l AC18912500
5 l AC1891005P

Store between 15°C and 25°C

assay (acidimetric)..... min. 99 %

AC1894 Propionic acid, reagent grade, ACS, Reag. Ph Eur



Methyl acetic acid



- M = 74,08 g/mol
- CAS [79-09-4]
- Density: 0,99

- Melting point: -22 °C
- Boiling point: 140 - 142 °C
- UN 3463

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l AC18941000
2,5 l AC18942500

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,7 %

AN0300 Propionic anhydride, synthesis grade



- M = 130,14 g/mol
- CAS [123-62-6]
- Density: 1,01

- Melting point: -45 °C
- Boiling point: 167 °C
- UN 2496

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
500 ml AN03000500
1 l AN03001000

Store between 15°C and 25°C

assay (G.C.)..... min. 98 %

n-Propyl alcohol. See 1-Propanol page 247

CA0370 Propylene carbonate, extra pure



4-Methyl-1,3-dioxolan-2-one



- M = 102,09 g/mol
- CAS [108-32-7]
- Density: 1,20

- Melting point: -49 °C
- Boiling point: 242 °C

GHS information: Warning.

H319

P264 - P280 - P305+P351+P338 - P337+P313

assay (G.C.)..... min. 99 %

Store between 15°C and 25°C

Packaging Code

1 l CA03701000

PR0085 1,2-Propylene glycol, extra pure, Ph Eur, BP, USP

1,2-Propanediol, 1,2-Dihydroxypropane



- M = 76,10 g/mol
- CAS [57-55-6]
- Density: 1,04

- Melting point: -59 °C
- Boiling point: 188 °C

assay (G.C.)..... min. 99,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Hygroscopic

Store between 15°C and 25°C

Packaging Code

1 l PR00851000

2,5 l PR00852500

5 l PR0085005P

25 l PR0085025P

PR0088 1,2-Propylene glycol, reagent grade, Reag. Ph Eur

1,2-Propanediol, 1,2-Dihydroxypropane



- M = 76,10 g/mol
- CAS [57-55-6]
- Density: 1,04

- Melting point: -59 °C
- Boiling point: 188 °C

assay (G.C.)..... min. 99,5 %

Hygroscopic

Store between 15°C and 25°C

Packaging Code

1 l PR00881000

2,5 l PR00882500

PI0010 Pumice stone, granulated

- CAS [1332-09-8]

granules, light grey

Packaging Code

500 g PI00100500

5 kg PI0010005P

PVP. See Polyvinylpyrrolidone page 228

PI0080 Pyrene, synthesis grade

Benzo[def]phenanthrene



- M = 202,26 g/mol
- CAS [129-00-0]

- Melting point: 148 - 150 °C
- Boiling point: 393 °C

assay (G.C.) min. 96 %

Packaging Code

250 g PI00800250

PI0120 Pyridine, synthesis grade



- M = 79,10 g/mol
- CAS [110-86-1]
- Density: 0,98

- Melting point: -42 °C
- Boiling point: 115 °C
- UN 1282

GHS information: Danger.

H225 - H302 - H312 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 - P501a

assay (G.C.)..... min. 99 %

Packaging Code

1 l PI01201000

2,5 l PI01202500

5 l PI0120005L

25 l PI0120025L

Hygroscopic

Pyrid

PI0121 Pyridine, extra pure



- M = 79,10 g/mol
- CAS [110-86-1]
- Density: 0,98

- Melting point: -42 °C
- Boiling point: 115 °C
- UN 1282

GHS information: Danger.

H225 - H302 - H312 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 -

P501a

Packaging Code

1 l PI01211000

2,5 l PI01212500

5 l PI0121005L

25 l PI0121025S

Hygroscopic

assay (G.C.)..... min. 99,5 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,1 %

PI0123 Pyridine, reagent grade, ACS, Reag. Ph Eur



- M = 79,10 g/mol
- CAS [110-86-1]
- Density: 0,98

- Melting point: -42 °C
- Boiling point: 115 °C
- UN 1282

GHS information: Danger.

H225 - H302 - H312 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 -

P501a

Packaging Code

1 l PI01231000

2,5 l PI01232500

Hygroscopic

assay (G.C.)..... min. 99,5 %
non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,05 %

PI0124 Pyridine, dried (max. 0,01% H₂O), reagent grade



- M = 79,10 g/mol
- CAS [110-86-1]
- Density: 0,98

- Melting point: -42 °C
- Boiling point: 115 °C
- UN 1282

GHS information: Danger.

H225 - H302 - H312 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 -

P501a

Packaging Code

1 l PI01241000

Hygroscopic

assay (G.C.)..... min. 99,5 %

PI0125 Pyridine, 99,5%, anhydrous (max. 0,005 % H₂O)



- M = 79,10 g/mol
- CAS [110-86-1]
- Density: 0,98

- Melting point: -42 °C
- Boiling point: 115 °C
- UN 1282

GHS information: Danger.

H225 - H302 - H312 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 -

P501a

Packaging Code

100 ml PI01250100

500 ml PI01250500

1 l PI01251000

Hygroscopic

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

PI0126 Pyridine, 99,5%, anhydrous (max. 0,005 % H₂O), with molecular sieves



- M = 79,10 g/mol
- CAS [110-86-1]
- Density: 0,98

- Melting point: -42 °C
- Boiling point: 115 °C
- UN 1282

GHS information: Danger.

H225 - H302 - H312 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 -

P501a

Packaging Code

1 l PI01261000

Hygroscopic

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

PI0130 Pyridine-d₅, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®



- M = 84,13 g/mol
- CAS [7291-22-7]
- Density: 1,05

- Melting point: -41 °C
- Boiling point: 114 °C
- UN 1282

GHS information: Danger.

H225 - H302 - H312 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 -

P501a

Packaging Code

x10x0,75 PI0130.750

10 ml PI01300010

Hygroscopic

PI0132 Pyridine-d₅, deuteration degree min. 99,95%, NMR spectroscopy grade, Spectrosol®



- M = 84,13 g/mol
- CAS [7291-22-7]
- Density: 1,05

- Melting point: -41 °C
- Boiling point: 114 °C
- UN 1282

GHS information: Danger.

H225 - H302 - H312 - H332

P210 - P241 - P261 - P280 - P303+P361+P353 -

P501a

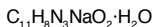
Packaging Code

10 ml PI01320010

Hygroscopic

PI0100 4-(2-Pyridylazo)-resorcinol, monosodium salt monohydrate, reagent grade, Reag. Ph Eur

PAR



• M = 255,21 g/mol

• CAS [16593-81-0]

Store between 5°C and 30°C

assay (titr. with HClO₄, referred to anhydrous substance) min. 99 %**Packaging Code**

1 g PI01000001

5 g PI01000005

PI0150 Pyrocatechol, synthesis grade*1,2-Dihydroxybenzene, Catechol*

• M = 110,11 g/mol

• CAS [120-80-9]

• Melting point: 103 - 105 °C

• Boiling point: 245 °C

(decomposes)

GHS information: Warning.

H302 - H312 - H315 - H319

P280 - P305+P351+P338 - P321 - P322 - P362 -

P501a

Packaging Code

250 g PI01500250

1 kg PI01501000

flakes, bright brown, up to 2cm

assay (G.C.) min. 99 %

Store between 15°C and 25°C

*Pyrogallol acid. See Pyrogallol page 253***AC1850 Pyrogallol, synthesis grade***1,2,3-Trihydroxybenzene, Pyrogallol acid*

• M = 126,11 g/mol

• CAS [87-66-1]

• Melting point: 131 - 134 °C

• Boiling point: 309 °C

• UN 2811

GHS information: Warning.

H341 - H302 - H312 - H332 - H412

P261 - P280 - P281 - P322 - P405 - P501a

Packaging Code

100 g AC18500100

250 g AC18500250

flakes or powder, white or slightly pink

assay (G.C.) min. 99 %

Store between 15°C and 25°C

RO0165 Pyrogallol red, indicator for metal titration*Pyrogallolsulfonphthalein, Pyrogallol acid*

• M = 400,36 g/mol

• CAS [32638-88-3]

powder, dark green

Store between 5°C and 30°C

Packaging Code

1 g RO01650001

QU0060 Quinidine, synthesis grade*(9S)-6'-Methoxycinchonan-9-ol, Conquinine, Pitayine, β-Quinine*

• M = 324,43 g/mol

• CAS [56-54-2]

• Melting point: 166 - 169 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

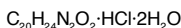
Packaging Code

5 g QU00600005

25 g QU00600025

Store between 15°C and 25°C

assay min. 97 %

QU0090 Quinine hydrochloride dihydrate, extra pure, Ph Eur, BP

• M = 396,91 g/mol

• CAS [6119-47-7]

GHS information: Danger.

H334 - H302 - H317

P285 - P261 - P280 - P321 - P342+P311 - P501a

Packaging Code

25 g QU00900025

100 g QU00900100

Store between 15°C and 25°C

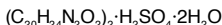
assay (acidimetric, on dried substance) 99 - 101 %
residual solvents (Ph Eur/ICH) excluded by production process

Quini

QU0095 Quinine sulfate dihydrate, extra pure, Ph Eur, BP, USP



Quinamm, Quine, Quinate, Quinsam



• M = 782,94 g/mol
• CAS [6119-70-6]

• Melting point: 233 - 235 °C

Store between 15°C and 25°C

GHS information: Warning.

H302 - H312 - H332

P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

assay (titr. with HClO₄, on

dried substance).....

residual solvents (Ph Eur/ICH).....

99 - 101 %

excluded by

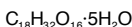
production process

Packaging Code

25 g QU00950025

RA0025 D(+)-Raffinose pentahydrate, for bacteriology

Melitose



• M = 594,52 g/mol
• CAS [17629-30-0]

• Melting point: 80 °C

crystalline powder, white

Store between 15°C and 25°C

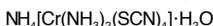
Packaging Code

25 g RA00250025

Raney's nickel-aluminium alloy . See Nickel-Aluminium alloy page 202

SA0067 Reinecke salt, reagent grade

Ammonium tetrathiocyanatodiamminechromate(III)



• M = 354,42 g/mol
• CAS [13573-17-6]

• Melting point: 268 - 272 °C
(decomposes)

assay min. 96 %

Packaging Code

10 g SA00670010

25 g SA00670025

RE0080 Resorcinol, extra pure, Ph Eur, BP



1,3-Dihydroxybenzene



• M = 110,11 g/mol
• CAS [108-46-3]
• Melting point: 109 - 111 °C

• Boiling point: (20 hPa) 177 °C
• UN 2876

Store between 15°C and 25°C

GHS information: Warning.

H400 - H302 - H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

assay (G.C, on dried substance)

other residual solvents (Ph Eur/ICH).....

98,5 - 101 %

excluded by

production process

Packaging Code

250 g RE00800250

RE0083 Resorcinol, reagent grade, Reag. Ph Eur



1,3-Dihydroxybenzene



• M = 110,11 g/mol
• CAS [108-46-3]
• Melting point: 109 - 111 °C

• Boiling point: (20 hPa) 177 °C
• UN 2876

Store between 15°C and 25°C

GHS information: Warning.

H400 - H302 - H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P301+P312 - P501a

assay (G.C.) min. 99 %

Packaging Code

100 g RE00830100

250 g RE00830250

RO0030 Rhodanine, synthesis grade



2-Thioxo-4-thiazolidinone, Rhodanic acid



• M = 133,19 g/mol
• CAS [141-84-4]

• Melting point: 166 - 168 °C

Store between 15°C and 25°C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (ex. S) min. 98 %

Packaging Code

25 g RO00300025

100 g RO00300100

Riboflavine. See Vitamin B2 page 342

RI0025 D(-)-Ribose, extra pure

α -D-Ribofuranose



• M = 150,13 g/mol
• CAS [50-69-1]

• Melting point: ~ 90 - 95 °C

Store between 15°C and 25°C

Packaging	Code
5 g	RI00250005
25 g	RI00250025
100 g	RI00250100

Röder and Van Gulik's sulfuric acid. See Sulfuric acid, 62% page 313

AC1990 Rosolic acid, C.I. 43800, indicator, for microscopy



Aurin, 4-[Bis(4-hydroxyphenyl)methylene]2,5-cyclohexadien-1-one



• M = 290,32 g/mol

• CAS [603-45-2]

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging	Code
10 g	AC19900010
25 g	AC19900025
100 g	AC19900100

SA0020 D(+)-Saccharose, extra pure, Ph Eur, BP, NF

Cane sugar, Sucrose



• M = 342,30 g/mol
• CAS [57-50-1]

• Melting point: 169 - 170 °C

bright crystals, colourless

other residual solvents (Ph Eur/ICH).....

excluded by
production process

Packaging	Code
500 g	SA00200500
1 kg	SA00201000
5 kg	SA0020005P
25 kg	SA0020025P

SA0021 D(+)-Saccharose, reagent grade, Reag. Ph Eur

Cane sugar, Sucrose



• M = 342,30 g/mol
• CAS [57-50-1]

• Melting point: 169 - 170 °C

bright crystals, colourless

Packaging	Code
500 g	SA00210500
1 kg	SA00211000
5 kg	SA0021005P
25 kg	SA0021025P

SU0030 D(+)-Saccharose (sucrose), molecular biology grade

Cane sugar, Sucrose



• M = 342,30 g/mol
• CAS [57-50-1]

• Melting point: 169 - 170 °C

DNases, RNases, Proteases non detected

Packaging	Code
1 kg	SU00301000
5 kg	SU0030005P

SA0040 Safranin O, C.I. 50240, for microscopy



• M = 350,88 g/mol

• CAS [477-73-6]

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging	Code
10 g	SA00400010
50 g	SA00400050

Store between 5°C and 30°C

SA0042 Safranin O, solution according to Gram

C₂₀H₁₉ClN₄

• M = 350,88 g/mol
• CAS [477-73-6]

GHS information: EUH210

• Density: 0,99

Packaging Code

500 ml  SA00420500
2,5 l  SA00422500

Store between 15°C and 25°C

SA0200 D-Salicin, for biochemistry

2-(Hydroxymethyl)phenyl-β-D-glucopyranoside

C₁₃H₁₈O₇

• M = 286,28 g/mol
• CAS [138-52-3]

• Melting point: 199 - 201 °C

Packaging Code

25 g  SA02000025

Store between 15°C and 25°C

SA0083 Salicylaldoxime, reagent grade

Salicylaldehyde oxime

C₇H₇NO₂

• M = 137,14 g/mol
• CAS [94-67-7]

• Melting point: 56 - 59 °C

Packaging Code

25 g  SA00830025
100 g  SA00830100

assay (ex. N) min. 98 %

Store between 2°C and 8°C

AC2002 Salicylic acid, extra pure, Ph Eur, BP, USP

2-Hydroxybenzoic acid

C₇H₆O₃

• M = 138,12 g/mol
• CAS [69-72-7]

GHS information: Danger.
H318 - H302 - H335 - H315
P261 - P305+P351+P338 - P310 - P321 - P405 -
P501a

• Melting point: 158-161 °C
• Boiling point: 211 °C

Packaging Code

500 g  AC20020500
1 kg  AC20021000

powder, white or almost white

Store between 15°C and 25°C

assay (acidimetric, on dried substance)...
residual solvents (Ph Eur/ICH).....

99 - 101 %
excluded by
production process

SDS. See Sodium lauryl sulfate page 281

Saturn red. See Lead tetraoxide page 171

AR0100 Sea sand, washed, thin

• CAS [14808-60-7]

granules, white or brown

Packaging Code

500 g  AR01000500
1 kg  AR01001000
5 kg  AR0100005P

AR0101 Sea sand, washed, thick

• CAS [14808-60-7]

granules, white, brown or grey, up to 0,3cm

Packaging Code

500 g  AR01010500
1 kg  AR01011000
5 kg  AR0101005P
25 kg  AR0101025P

SE0025 Selenium, black, powder

Se

• M = 78,96 g/mol
• CAS [7782-49-2]

• Melting point: 217 °C
• Boiling point: 685 °C

GHS information: Danger.

H301 - H331 - H373 - H413

P260 - P261 - P301+P310 - P321 - P405 - P501a

Packaging Code

50 g SE00250050

100 g SE00250100

250 g SE00250250

powder, black

SE0039 Selenium dioxide, synthesis grade*Selenium(IV) oxide, Selenious anhydride*SeO₂

• M = 110,96 g/mol
• CAS [7446-08-4]

• UN 3283

GHS information: Danger.

H301 - H331 - H373 - H400 - H410

P260 - P261 - P301+P310 - P321 - P405 - P501a

Packaging Code

250 g SE00390250

1 kg SE00391000

elongate crystals, white or almost white

assay (iodometric) min. 98 %

Hygroscopic

Store between 15°C and 25°C

*Selenium(IV) oxide. See Selenium dioxide page 257***SE0070 Semicarbazide hydrochloride, synthesis grade***Hydrazinecarboxamide monohydrochloride, N-Aminourea hydrochloride,*CH₃N₃O·HCl

• M = 111,53 g/mol
• CAS [563-41-7]

• Melting point: 174 - 178 °C
(decomposes)
• UN 2811

GHS information: Danger.

H301 - H331 - H373 - H319

P301+P310 - P305+P351+P338 - P310 - P320 - P405 - P501a

Packaging Code

100 g SE00700100

1 kg SE00701000

Store between 15°C and 25°C

assay (argentometric) min. 98 %

SE0105 L-Serine, extra pure, Ph Eur, BP, USP*3-Hydroxy-L-alanine*C₃H₇NO₃

• M = 105,09 g/mol
• CAS [56-45-1]

• Melting point: 215 - 225 °C

Packaging Code

10 g SE01050010

100 g SE01050100

Store between 15°C and 25°C

assay (titr with HClO₄ , on
dried substance)..... 98,5 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

GE0042 Silica gel with humidity indicator (orange), 1 - 3 mm

• Melting point: > 1000 °C

crystals, 50% colourless 50% orange, up to 0,3cm

Hygroscopic

Packaging Code

500 g GE00420500

1 kg GE00421000

5 kg GE0042005P

GE0043 Silica gel with humidity indicator (orange), 2,5 - 6 mm

• Melting point: > 1000 °C

crystals, orange, up to 0,6cm

Hygroscopic

Store between 15°C and 25°C

Packaging Code

500 g GE00430500

1 kg GE00431000

5 kg GE0043005P

Silic

GE0048 Silica gel 60, 0,04 - 0,06 mm, for flash chromatography (230 - 400 mesh ASTM)

SiO ₂			Packaging	Code
• M = 60,09 g/mol	• CAS [7631-86-9]		1 kg	GE00481000
powder, white			2,5 kg	GE00482500
Hygroscopic			5 kg	GE0048005P
			25 kg	GE0048025P

GE0049 Silica gel 60, 0,06 - 0,2 mm, for column chromatography (70 - 230 mesh ASTM)

SiO ₂			Packaging	Code
• M = 60,09 g/mol	• CAS [7631-86-9]		1 kg	GE00491000
crystals, almost white			5 kg	GE0049005P
Hygroscopic			25 kg	GE0049025P

GE0050 Silica gel 60, 0,2 - 0,5 mm, for column chromatography (35 - 70 mesh ASTM)

SiO ₂			Packaging	Code
• M = 60,09 g/mol	• CAS [7631-86-9]		1 kg	GE00501000
crystals, colourless			5 kg	GE0050005P
Hygroscopic				

GE0030 Silica gel 60, for thin-layer chromatography

Preparative layer chromatography, PLC/PCC			Packaging	Code
SiO ₂			1 kg	GE00301000
• M = 60,09 g/mol	• CAS [7631-86-9]		5 kg	GE0030005P
floury powder, white				

GE0032 Silica gel 60, for thin layer chromatography, with pigment addition for UV

Preparative layer chromatography, PLC/PCC			Packaging	Code
SiO ₂			1 kg	GE00321000
• M = 60,09 g/mol	• CAS [7631-86-9]		5 kg	GE0032005P

GE0033 Silica gel 60, for thin layer chromatography, with gypsum and pigment addition for UV

Preparative layer chromatography, PLC/PCC			Packaging	Code
SiO ₂			1 kg	GE00331000
• M = 60,09 g/mol	• CAS [7631-86-9]		5 kg	GE0033005P

TI0010 Siliceous earth, purified and calcined, extra pure, USP, NF



Infusorial earth, Diatomaceous earth, Diatomite			Packaging	Code
SiO ₂		GHS information: Warning. H371	1 kg	TI00101000
• M = 60,08 g/mol	• Melting point: 1713 °C	P260 - P264 - P270 - P309+P311 - P405 - P501a	5 kg	TI0010005P
• CAS [68855-54-9]	• Boiling point: 2230 °C			

SI0040 Silicon dioxide, highly dispersed

SiO_2		Packaging	Code
• M = 60,08 g/mol	• Melting point: 1726 °C	250 g	SI00400250
• CAS [7631-86-9]			

SI0020 Silicone liquid, antifoaming

• CAS [63148-62-9]	• Density: 0,97	Packaging	Code
		100 ml	SI00200100
		500 ml	SI00200500

SI0030 Silicone liquid, low viscosity

• CAS [63148-62-9]	• Melting point: ~ -60 °C	Packaging	Code
• Density: (25 °C) ~ 0,950		1 l	SI00301000
		25 l	SI0030025P
	viscosity 18 - 22 mm2/s		

SI0025 Silicone liquid, for heating baths, pure

• CAS [63148-62-9]	• Melting point: ~ -54 °C	Packaging	Code
• Density: 0,96		500 ml	SI00250500
		1 l	SI00251000
		5 l	SI0025005P
		25 l	SI0025025P
	temperature range..... -50 to 190 °C		

SI0033 Silicone paste A, extra pure, for lubrication at high temperature



Store between 15°C and 25°C	GHS information: Danger. H360 P281 - P201 - P202 - P308+P313 - P405 - P501a	Packaging	Code
		100 g	SI00330100

SI0034 Silicone paste B, extra pure, for lubrication at pressure and vacuum



Store between 15°C and 25°C	GHS information: Danger. H360 P281 - P201 - P202 - P308+P313 - P405 - P501a	Packaging	Code
		100 g	SI00340100

PL0010 Silver carbonate, extra pure



Ag_2CO_3		GHS information: Danger. H318 P280 - P305+P351+P338 - P310	Packaging	Code
• M = 275,75 g/mol	• CAS [534-16-7]		25 g	PL00100025
Store between 15°C and 25°C	assay (argentometric)..... min. 99 %			

PL0030 Silver chloride, extra pure

AgCl		GHS information: Danger. H318 P280 - P305+P351+P338 - P310	Packaging	Code
• M = 143,34 g/mol	• Melting point: 455 °C		25 g	PL00300025
• CAS [7783-90-6]	• Boiling point: 1554 °C		100 g	PL00300100
	assay..... min. 99,5 %			

Silve

PL0040 Silver chromate, synthesis grade



• M = 331,73 g/mol
• CAS [7784-01-2]

• Density: 5,63
• UN 3288

GHS information: Danger.
H350i - H400 - H410 - H317
P261 - P280 - P281 - P321 - P405 - P501a

Packaging Code
25 g PL00400025

Store between 15°C and 25°C

assay (argentometric)..... min. 99 %

PL0020 Silver cyanide, synthesis grade



• M = 133,86 g/mol
• CAS [506-64-9]

• Melting point: 350 °C
(decomposes)
• UN 1684

GHS information: Danger.
H300 - H310 - H330 - H400 - H410 - EUH032
P301+P310 - P310 - P320 - P361 - P405 - P501a

Packaging Code
25 g PL00200025
100 g PL00200100

Store between 15°C and 25°C

assay (argentometric)..... min. 99 %

PL0080 Silver iodide, synthesis grade



• M = 234,77 g/mol
• CAS [7783-96-2]

• Melting point: 557 °C
• Boiling point: 1506 °C

Packaging Code
25 g PL00800025

Store between 15°C and 25°C

assay (argentometric)..... min. 99 %

PL0049 Silver nitrate, extra pure, Ph Eur, BP, USP



• M = 169,87 g/mol
• CAS [7761-88-8]
• Melting point: 212 °C

• Boiling point: 444 °C
(decomposes)
• UN 1493

GHS information: Danger.
H314 - H400 - H410
P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code
25 g PL00490025
100 g PL00490100
250 g PL00490250
1 kg PL00491000

crystals, white

assay (argentometric)..... 99 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

PL0050 Silver nitrate, reagent grade, ACS, ISO, Reag. Ph Eur



• M = 169,87 g/mol
• CAS [7761-88-8]
• Melting point: 212 °C

• Boiling point: 444 °C
(decomposes)
• UN 1493

GHS information: Danger.
H314 - H400 - H410
P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code
25 g PL00500025
50 g PL00500050
100 g PL00500100
250 g PL00500250
1 kg PL00501000

crystals, white

assay (argentometric)..... min. 99,8 %

PL0057 Silver nitrate, solution 1 mol/l (1 N)



• M = 169,87 g/mol
• CAS [7761-88-8]

• Density: 1,14
• UN 1760

GHS information: Danger.
H314 - H411
P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code
500 ml PL00570500
1 l PL00571000

Store between 15°C and 25°C

Traceable to SRM from NIST

PL0055 Silver nitrate, solution 0,1 mol/l (0,1 N)



• M = 169,87 g/mol
• CAS [7761-88-8]

• Density: 1,01

GHS information: Warning.
H315 - H319 - H412
P280 - P273 - P305+P351+P338 - P321 - P362 - P501a

Packaging Code
500 ml PL00550500
1 l PL00551000
10 l PL0055010C

Store between 15°C and 25°C

Traceable to SRM from NIST

PL0059 Silver nitrate, solution 0,05 mol/l (0,05 N)



• M = 169,87 g/mol
• CAS [7761-88-8]

• Density: ~ 1,00

GHS information: H412
P273 - P501a

Packaging Code

1 l  PL00591000

Store between 15°C and 25°C

Traceable to SRM from NIST

PL0056 Silver nitrate, solution 0,02 mol/l (0,02 N)



• M = 169,87 g/mol
• CAS [7761-88-8]

• Density: 1,00

GHS information: H412
P273 - P501a

Packaging Code

1 l  PL00561000

Store between 15°C and 25°C

Traceable to SRM from NIST

PL0058 Silver nitrate, solution 0,01 mol/l (0,01 N)



• M = 169,87 g/mol
• CAS [7761-88-8]

• Density: 1,00

Packaging Code

1 l  PL00581000

Store between 15°C and 25°C

Traceable to SRM from NIST

PL0051 Silver nitrate, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,1 N)



• M = 169,87 g/mol
• CAS [7761-88-8]

• Density: 1,27
• UN 1760

GHS information: Danger.
H314 - H411
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

u.  PL005100PA

PL0060 Silver oxide, extra pure, Reag. Ph Eur



• M = 231,74 g/mol
• CAS [20667-12-3]

• Melting point: > 200 °C
(decomposes)
• UN 3085

GHS information: Danger.
H272 - H314 - EUH044
P221 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

10 g  PL00600010
25 g  PL00600025

Store below 15°C

assay (argentometric)..... 99 - 101 %
silver (Ag) 92,2 - 94,0 %

PL0070 Silver sulfate, extra pure



Sulfuric acid silver salt



• M = 311,79 g/mol
• CAS [10294-26-5]

• Melting point: 655 °C

GHS information: Danger.
H318
P280 - P305+P351+P338 - P310

Packaging Code

25 g  PL00700025
100 g  PL00700100
250 g  PL00700250

assay (argentometric)..... min. 99 %

PL0071 Silver sulfate, reagent grade, ACS



Sulfuric acid silver salt



• M = 311,79 g/mol
• CAS [10294-26-5]

• Melting point: 655 °C

GHS information: Danger.
H318
P280 - P305+P351+P338 - P310

Packaging Code

25 g  PL00710025
100 g  PL00710100
250 g  PL00710250

assay (argentometric)..... min. 99,5 %

Silve

PL0072 Silver sulfate, solution 1% in sulfuric acid, for COD determination, according to ISO 6060



AgSO ₄	GHS information: Danger.	Packaging	Code
• M = 311,79 g/mol	H314	1 l	PL00721000
• CAS [10294-26-5]	P260 - P303+P361+P353 - P305+P351+P338 - P310 -	2,5 l	PL00722500
• Density: 1,84	P405 - P501a		

Hygroscopic
Store between 15°C and 25°C

PL0073 Silver sulfate, solution 0,66% in sulfuric acid



AgSO ₄	GHS information: Danger.	Packaging	Code
• M = 311,79 g/mol	H314	1 l	PL00731000
• CAS [10294-26-5]	P260 - P303+P361+P353 - P305+P351+P338 - P310 -		
• Density: 1,84	P405 - P501a		

Hygroscopic
Store between 15°C and 25°C

CA0170 Soda lime, with indicator



Mixture of calcium hydroxide and sodium hydroxide	GHS information: Danger.	Packaging	Code
• CAS [8006-28-8]	H314	1 kg	CA01701000
• UN 1907	P260 - P303+P361+P353 - P305+P351+P338 - P310 -		
	P405 - P501a		

SO0010 Sodium, metal, extra pure, in vaseline oil, Reag. Ph Eur



Na	GHS information: Danger.	Packaging	Code
• M = 22,99 g/mol	H260 - H314 - EUH014	100 g	SO00100100
• CAS [7440-23-5]	P231+P232 - P303+P361+P353 - P305+P351+P338 -	500 g	SO00100500
• Melting point: 98 °C	P310 - P405 - P501a		

SO0032 Sodium acetate anhydrous, extra pure

Acetic acid sodium salt anhydrous	GHS information: Danger.	Packaging	Code
CH ₃ COONa	H260 - H314 - EUH014	500 g	SO00320500
• M = 82,03 g/mol	P231+P232 - P303+P361+P353 - P305+P351+P338 -	1 kg	SO00321000
• CAS [127-09-3]	P310 - P405 - P501a	5 kg	SO0032005P
• Melting point: 324 °C (decomposes)	assay (titr. with HClO ₄ , on dried substance).....	25 kg	SO0032025P
• Boiling point: > 400 °C (decomposes)	99 - 101 %		

granular powder, white
Hygroscopic

SO0035 Sodium acetate anhydrous, reagent grade, ACS, Reag. Ph Eur

Acetic acid sodium salt anhydrous	GHS information: Danger.	Packaging	Code
CH ₃ COONa	H260 - H314 - EUH014	250 g	SO00350250
• M = 82,03 g/mol	P231+P232 - P303+P361+P353 - P305+P351+P338 -	500 g	SO00350500
• CAS [127-09-3]	P310 - P405 - P501a	1 kg	SO00351000
• Melting point: 324 °C (decomposes)	assay (titr. with HClO ₄).....	5 kg	SO0035005P
• Boiling point: > 400 °C (decomposes)	min. 99,0 %		

granular powder, white
Hygroscopic

SO0036 Sodium acetate anhydrous, molecular biology grade*Acetic acid sodium salt anhydrous*

- M = 82,03 g/mol
- CAS [127-09-3]

- Melting point: 324 °C (decomposes)
- Boiling point: > 400 °C (decomposes)

assay (titr. with HClO_4)..... min. 99 %
 DNases, RNases, Proteases non detected

granular powder, white
 Hygroscopic

Packaging Code

500 g SO00360500
 1 kg SO00361000
 5 kg SO0036005P

SO0024 Sodium acetate trihydrate, extra pure, Ph Eur, BP, USP*Acetic acid sodium salt trihydrate*

- M = 136,08 g/mol
- CAS [6131-90-4]

- Melting point: 58 °C
- Boiling point: > 400 °C (anhydrous substance) (decomposes)

assay (titr. with HClO_4 , on dried substance)..... 99 - 101 %
 residual solvents (Ph Eur/CH) class 3... max. 0.5 %
 other residual solvents (Ph Eur/CH)..... excluded by production process

crystals, white

Packaging Code

500 g SO00240500
 1 kg SO00241000
 5 kg SO0024005P
 25 kg SO0024025P

SO0025 Sodium acetate trihydrate, reagent grade, ACS, ISO, Reag. Ph Eur*Acetic acid sodium salt trihydrate*

- M = 136,08 g/mol
- CAS [6131-90-4]

- Melting point: 58 °C
- Boiling point: > 400 °C (anhydrous substance) (decomposes)

assay (titr. with HClO_4)..... 99,5 - 101 %

crystals, white

Packaging Code

500 g SO00250500
 1 kg SO00251000
 5 kg SO0025005P

SO0030 Sodium acetate trihydrate, HPLC grade*Acetic acid sodium salt trihydrate*

- M = 136,08 g/mol
- CAS [6131-90-4]

- Melting point: 58 °C
- Boiling point: > 400 °C (anhydrous substance) (decomposes)

assay (titr. with HClO_4)..... min. 99,5 %
 maximum absorbance of an aqueous solution (10 %) in a 1,0 cm cell at wavelength:
 250 nm..... 0,05 AU
 260 nm..... 0,01 AU

crystals, white

Packaging Code

250 g SO00300250
 1 kg SO00301000

SO0034 Sodium acetate, solution 1 mol/l

- M = 82,03 g/mol
- CAS [127-09-3]

- Density: 1,04

Packaging Code

1 l SO00341000

Sodium aluminium fluoride. See Cryolite page 79

Sodiu

SO0091 Sodium azide, extra pure, Reag. Ph Eur



Hydrazoic acid sodium salt

NaN₃		GHS information: Danger.		100 g  SO00910100
• M = 65,01 g/mol	• Melting point: 275 °C (decomposes)	H300 - H400 - H410 - EUH032		250 g  SO00910250
• CAS [26628-22-8]	• UN 1687	P273 - P264 - P301+P310 - P321 - P405 - P501a		
		assay (titr. with HClO ₄)..... min. 99 %		
crystals, white				
Store between 15°C and 25°C				

SO0125 Sodium benzoate, synthesis grade

C₇H₅NaO₂		Packaging Code	
• M = 144,11 g/mol	• Melting point: 410 - 430 °C	1 kg 	SO01251000
• CAS [532-32-1]		5 kg 	SO0125005P
granules, white	assay (titr. with HClO ₄)..... min. 99 %		

SO0126 Sodium benzoate, extra pure, Ph Eur, BP, NF

C₇H₅NaO₂		Packaging Code	
• M = 144,11 g/mol	• Melting point: 410 - 430 °C	1 kg	SO01261000
• CAS [532-32-1]		5 kg	SO0126005P
granules, white	assay (titr. with HClO ₄ , on dried substance).....	99 - 100,5 %	
	residual solvents (Ph Eur/ICH).....	excluded by production process	

Sodium bicarbonate. See Sodium hydrogen carbonate page 272

Sodium biselenite. See Sodium hydrogen selenite page 274

Sodium bisulfate. See Sodium hydrogen sulfate anhydrous page 274

Sodium bisulfite. See Sodium hydrogen sulfite, solution 40% page 275

Sodium bitartrate monohydrate. See Sodium hydrogen tartrate monohydrate page 275

SO0105 Sodium borohydride, powder, synthesis grade



Sodium tetrahydroborate

NaBH₄		GHS information: Danger.		100 g	SO01050100
• M = 37,83 g/mol	• Melting point: ~ 400 °C	H260 - H301 - H314		500 g	SO01050500
• CAS [16940-66-2]	(decomposes slowly)	P301+P310 - P303+P361+P353 - P305+P351+P338 -		1 kg	SO01051000
	• UN 1426	P310 - P405 - P501a			
Hygroscopic		assay (iodometric).....		min. 98 %	
Store between 15°C and 25°C					

SO0170 Sodium bromide, extra pure, Ph Eur, BP, USP

Bromo sodium

NaBr		500 g	SO01700500
• M = 102,90 g/mol	• Melting point: 755 °C	1 kg	SO01701000
• CAS [7647-15-6]	• Boiling point: 1393 °C		
crystals, white	assay (argentometric, on dried substance).....	98 - 100,5 %	
Hygroscopic	residual solvents (Ph Eur/ICH).....	excluded by production process	

SO0171 Sodium bromide, reagent grade, ACS, Reag. Ph Eur*Bromo sodium***NaBr**

- M = 102,90 g/mol
- CAS [7647-15-6]

- Melting point: 755 °C
- Boiling point: 1393 °C

assay (argentometric)..... min. 99 %

crystals, white

Hygroscopic

Packaging Code

250 g SO01710250
 500 g SO01710500
 1 kg SO01711000

*Sodium 1-butyisulfonate. See 1-Butane sulfonic acid, sodium salt page 50***SO0115 Sodium carbonate anhydrous, extra pure, Ph Eur, BP, USP***Anhydrous soda***Na₂CO₃**

- M = 105,99 g/mol
- CAS [497-19-8]

- Melting point: 854 °C
- Boiling point: 1600 °C (decomposes)

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric, on dried sample)..... 99,5 - 100,5 %
 residual solvents (Ph Eur/ICH)..... excluded by
 production process

crystalline powder, white

Packaging Code

500 g SO01150500
 1 kg SO01151000
 5 kg SO0115005P
 25 kg SO0115025P

SO0116 Sodium carbonate anhydrous, reagent grade, ACS, ISO, Reag. Ph Eur*Anhydrous soda***Na₂CO₃**

- M = 105,99 g/mol
- CAS [497-19-8]

- Melting point: 854 °C
- Boiling point: 1600 °C (decomposes)

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric, on dried sample)..... min. 99,9 %

crystalline powder, white

Packaging Code

500 g SO01160500
 1 kg SO01161000
 5 kg SO0116005P

SO0117 Sodium carbonate decahydrate, extra pure, Ph Eur, BP*Soda decahydrate***Na₂CO₃·10H₂O**

- M = 286,14 g/mol
- CAS [6132-02-1]

- Melting point: 33 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric, as Na₂CO₃)..... 36,7 - 40,0 %
 residual solvents (Ph Eur/ICH)..... excluded by
 production process

Packaging Code

500 g SO01170500
 1 kg SO01171000
 5 kg SO0117005P
 25 kg SO0117025P

SO0118 Sodium carbonate decahydrate, reagent grade, ISO, Reag. Ph Eur*Soda decahydrate***Na₂CO₃·10H₂O**

- M = 286,14 g/mol
- CAS [6132-02-1]

- Melting point: 33 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric)..... 99 - 102 %

Packaging Code

500 g SO01180500
 1 kg SO01181000
 5 kg SO0118005P

SO0123 Sodium carbonate, saturated solution**Na₂CO₃**

- M = 105,99 g/mol

- CAS [497-19-8]

GHS information: Warning.

H319 - EUH210

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

1 l SO01231000

Sodiu

SO0050 Sodium carbonate, solution 0,5 mol/l (1 N)



- M = 105,99 g/mol
 - CAS [497-19-8]
- Density: 1,05

GHS information: EUH210

Packaging	Code
1 l	SO00501000
5 l	SO0050005P
10 l	SO0050010C

Traceable to SRM from NIST

SO0051 Sodium carbonate, solution 0,05 mol/l (0,1 N)



- M = 105,99 g/mol
 - CAS [497-19-8]
- Density: ~ 1,1

Packaging	Code
1 l	SO00511000

Traceable to SRM from NIST

SO0210 Sodium chlorate, pure



- M = 106,44 g/mol
 - CAS [7775-09-9]
- Melting point: 255 °C (decomposes)
 - UN 1495

GHS information: Danger.
H271 - H302 - H411
P221 - P283 - P210 - P306+P360 - P371+P380+P375 - P501a

Packaging	Code
500 g	SO02100500
1 kg	SO02101000
5 kg	SO0210005P
25 kg	SO0210025P

crystals, colourless or white

assay (argentometric)..... min. 98 %

SO0213 Sodium chlorate, reagent grade, ACS



- M = 106,44 g/mol
 - CAS [7775-09-9]
- Melting point: 255 °C (decomposes)
 - UN 1495

GHS information: Danger.
H271 - H302 - H411
P221 - P283 - P210 - P306+P360 - P371+P380+P375 - P501a

Packaging	Code
500 g	SO02130500
1 kg	SO02131000
5 kg	SO0213005P

assay (argentometric)..... min. 99 %

SO0224 Sodium chloride, synthesis grade

Salt, Common salt, Rock salt, Sea salt



- M = 58,44 g/mol
 - CAS [7647-14-5]
- Melting point: 801 °C
 - Boiling point: 1461 °C

Packaging	Code
1 kg	SO02241000
5 kg	SO0224005P
25 kg	SO0224025P

crystals, colourless or white

assay (argentometric)..... min. 99 %

SO0225 Sodium chloride, extra pure, Ph Eur, BP, USP

Salt, Common salt, Rock salt, Sea salt



- M = 58,44 g/mol
 - CAS [7647-14-5]
- Melting point: 801 °C
 - Boiling point: 1461 °C

Packaging	Code
500 g	SO02250500
1 kg	SO02251000
5 kg	SO0225005P
25 kg	SO0225025P

crystals, colourless or white

assay (argentometric, on dried substance)..... 99,0 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by production process

SO0227 Sodium chloride, reagent grade, ACS, ISO, Reag. Ph Eur

Salt, Common salt, Rock salt, Sea salt



- M = 58,44 g/mol
 - CAS [7647-14-5]
- Melting point: 801 °C
 - Boiling point: 1461 °C

Packaging	Code
500 g	SO02270500
1 kg	SO02271000
5 kg	SO0227005P
25 kg	SO0227025P

crystals, colourless or white

assay (argentometric)..... min. 99,5 %

SO0234 Sodium chloride, secondary standard for volumetric titrations, Titrasure®*Salt, Common salt, Rock salt, Sea salt*

NaCl

- M = 58,44 g/mol
- CAS [7647-14-5]

- Melting point: 801 °C
- Boiling point: 1461 °C

assay (on dried sample)..... ≥ 99,0 %

Traceable to SRM from NIST

Packaging Code
 100 g  SO02340100
SO0230 Sodium chloride, molecular biology grade*Salt, Common salt, Rock salt, Sea salt*

NaCl

- M = 58,44 g/mol
- CAS [7647-14-5]

- Melting point: 801 °C
- Boiling point: 1461 °C

 assay (argentometric)..... min. 99,5 %
 DNases, RNases, Proteases non detected

crystals, colourless or white

Packaging Code
 500 g  SO02300500
 1 kg  SO02301000
 5 kg  SO0230005P
SO0228 Sodium chloride, thick salt, synthesis grade*Salt, Common salt, Rock salt, Sea salt*

NaCl

- M = 58,44 g/mol
- CAS [7647-14-5]

- Melting point: 801 °C
- Boiling point: 1461 °C

assay (argentometric)..... min. 98 %

crystals, white or almost white, up to 3mm

Packaging Code
 500 g  SO02280500
 1 kg  SO02281000
 5 kg  SO0228005P
 25 kg  SO0228025P
SO0233 Sodium chloride, saturated solution*Salt, Common salt, Rock salt, Sea salt; saturated solution*

NaCl

- M = 58,44 g/mol

- CAS [7647-14-5]

Packaging Code
 1 l  SO02331000
SO0229 Sodium chloride, solution 0,1 mol/l (0,1 N)

NaCl

- M = 58,44 g/mol
- CAS [7647-14-5]

- Density: 1,004

Packaging Code
 1 l  SO02291000

Traceable to SRM from NIST

SO0231 Sodium chloride, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,1N)

NaCl

- M = 58,44 g/mol
- CAS [7647-14-5]

- Density: 1,08

Packaging Code
 u. l.  SO023100PA
SO0220 Sodium chloroacetate, synthesis grade*Chloroacetic acid sodium salt*C₂H₃ClNaO₂

- M = 116,48 g/mol
- CAS [3926-62-3]

- UN 2659

 GHS information: Danger.
 H301 - H400 - H315
 P280 - P301+P310 - P321 - P362 - P405 - P501a

Packaging Code
 1 kg  SO02201000

Store between 15°C and 25°C

assay (titr. with HClO₄) min. 98 %

Sodiu

SO0250 Sodium chromate, reagent grade



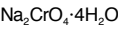
- M = 161,97 g/mol
 - CAS [7775-11-3]
- Melting point: ~ 792 °C
 - UN 3288

GHS information: Danger.
H301 - H330 - H334 - H340 - H350 - H360FD - H372 -
H314 - H400 - H410 - H312 - H317
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P320 - P405 - P501a

Packaging	Code
500 g	SO02500500
1 kg	SO02501000
5 kg	SO0250005P

assay (iodometric) min. 99,5 %

SO0255 Sodium chromate tetrahydrate, extra pure



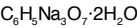
- M = 234,03 g/mol
 - CAS [10034-82-9]
- Melting point: ~ 792 °C
 - UN 3290

GHS information: Danger.
H301 - H330 - H334 - H350 - H360 - H372 - H314 -
H400 - H410 - H317
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P320 - P405 - P501a

Packaging	Code
500 g	SO02550500
1 kg	SO02551000
5 kg	SO0255005P

assay (iodometric) min. 99 %

SO0199 tri-Sodium citrate dihydrate, extra pure, Ph Eur, BP, USP



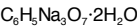
- M = 294,10 g/mol
 - CAS [6132-04-3]
- Melting point: 150 °C (anhydrous substance)

crystals, colourless or white

assay (titr. with HClO₄, on dried substance) 99 - 101 %
residual solvents (Ph Eur/ICH) excluded by production process

Packaging	Code
500 g	SO01990500
1 kg	SO01991000
5 kg	SO0199005P
25 kg	SO0199025P

SO0200 tri-Sodium citrate dihydrate, reagent grade, ACS, ISO, Reag. Ph Eur



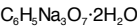
- M = 294,10 g/mol
 - CAS [6132-04-3]
- Melting point: 150 °C (anhydrous substance)

crystals, colourless or white

assay (titr. with HClO₄) min. 99,5 %

Packaging	Code
250 g	SO02000250
500 g	SO02000500
1 kg	SO02001000
5 kg	SO0200005P

SO0205 tri-Sodium citrate dihydrate, molecular biology grade



- M = 294,10 g/mol
 - CAS [6132-04-3]
- Melting point: 150 °C (anhydrous substance)

crystals, colourless or white

assay (titr. with HClO₄) min. 99,5 %
DNases, RNases, Proteases non detected

Packaging	Code
100 g	SO02050100
1 kg	SO02051000
5 kg	SO0205005P

Sodium cobaltinitrite. See Sodium hexanitrocobaltate(III) page 272

SO0190 Sodium cyanide, extra pure



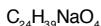
- M = 49,01 g/mol
 - CAS [143-33-9]
 - Melting point: 563 °C
- Boiling point: 1496 °C
 - UN 1689

irregular blocks, white, up to 0,5 cm
Hygroscopic

GHS information: Danger.
H300 - H310 - H330 - H400 - H410 - EUH032
P301+P310 - P310 - P320 - P361 - P405 - P501a

assay (argentometric) min. 98 %

Packaging	Code
250 g	SO01900250
1 kg	SO01901000
5 kg	SO0190005P
25 kg	SO0190025P

SO0257 Sodium deoxycholate, for microbiology*Desoxycholic acid, sodium salt, 3 α ,12 α -Dihydroxy-5 β -cholanic acid, sodium salt*

• M = 414,55 g/mol
• CAS [302-95-4]

• Melting point: 357 - 365 °C

GHS information: Warning.

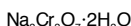
H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

100 g SO02570100

500 g SO02570500

SO0260 Sodium dichromate dihydrate, reagent grade, ACS*Sodium bichromate, Sodium pyrochromate*

• M = 298,00 g/mol
• CAS [7789-12-0]

• Melting point: 356,7 °C (anhydrous substance)
• UN 3288

• Boiling point: 400 °C
(decomposes)

GHS information: Danger.

H272 - H301 - H330 - H334 - H340 - H350 - H360FD -

H372 - H314 - H400 - H410 - H312

P221 - P301+P310 - P303+P361+P353 -

P305+P351+P338 - P310 - P320 - P405 - P501a

Packaging Code

500 g SO02600500

1 kg SO02601000

5 kg SO0260005P

lumpy irregular crystals, dark orange

assay (iodometric)..... 99,5 - 100,5 %

Store between 15°C and 25°C

SO0270 Sodium diethyldithiocarbamate trihydrate, reagent grade, ACS*Diethyldithiocarbamic acid sodium salt trihydrate*

• M = 225,31 g/mol
• CAS [20624-25-3]

• Melting point: ~ 93 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

100 g SO02700100

250 g SO02700250

crystals, white or almost white

assay (titr. with HClO₄)..... min. 99 %

Store between 15°C and 25°C

SO0330 Sodium dihydrogen phosphate anhydrous, extra pure, BP, USP*Sodium biphosphate, Sodium phosphate monobasic*

• M = 120,0 g/mol
• CAS [7558-80-7]

• Melting point: 200 °C

Packaging Code

500 g SO03300500

1 kg SO03301000

bulky powder, white

assay (acidimetric, on dried sample)..... 98 - 100,5 %

SO0334 Sodium dihydrogen phosphate dihydrate, extra pure, Ph Eur, BP, USP*Sodium biphosphate, Monosodium orthophosphate, Primary sodium phosphate, Sodium*

• M = 156,01 g/mol
• CAS [13472-35-0]

• Melting point: 60 °C

Packaging Code

500 g SO03340500

1 kg SO03341000

5 kg SO0334005P

25 kg SO0334025P

assay (acidimetric, on dried substance) 98 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

SO0332 Sodium dihydrogen phosphate dihydrate, reagent grade, Reag. Ph Eur*Sodium biphosphate, Monosodium orthophosphate, Primary sodium phosphate, Sodium*

• M = 156,01 g/mol
• CAS [13472-35-0]

• Melting point: 60 °C

Packaging Code

500 g SO03320500

1 kg SO03321000

5 kg SO0332005P

assay (acidimetric)..... min. 99 %

Sodiu

SO0333 Sodium dihydrogen phosphate monohydrate, extra pure, BP, USP

Sodium biphosphate, Monosodium orthophosphate, Primary sodium phosphate, Sodium



• M = 137,99 g/mol
• CAS [10049-21-5]

• Melting point: ~ 100 °C
(decomposes)

assay (acidimetric, on dried sample)..... 98 - 100,5 %

crystals, colourless or white

Packaging Code

500 g  SO03330500
1 kg  SO03331000
5 kg  SO0333005P

SO0331 Sodium dihydrogen phosphate monohydrate, reagent grade, ACS

Sodium biphosphate, Monosodium orthophosphate, Primary sodium phosphate, Sodium



• M = 137,99 g/mol
• CAS [10049-21-5]

• Melting point: ~ 100 °C
(decomposes)

assay (acidimetric)..... 99,0 - 102,0 %

crystals, colourless or white

Packaging Code

250 g  SO03310250
500 g  SO03310500
1 kg  SO03311000
5 kg  SO0331005P

SO0328 Sodium dihydrogen phosphate monohydrate, molecular biology grade

Sodium biphosphate, Monosodium orthophosphate, Primary sodium phosphate, Sodium



• M = 137,99 g/mol
• CAS [10049-21-5]

• Melting point: ~ 100 °C
(decomposes)

assay (acidimetric) min. 99,5 %
DNases, RNases, Proteases non detected

crystals, colourless or white

Packaging Code

250 g  SO03280250
1 kg  SO03281000

SO0285 Sodium 4-diphenylaminosulfonic acid, redox indicator

Diphenylamine-4-sulfonic acid sodium salt



• M = 271,27 g/mol

• CAS [6152-67-6]

Store between 15°C and 25°C

Packaging Code

25 g  SO02850025
100 g  SO02850100

SO0289 Sodium disulfite, extra pure, Ph Eur, BP, NF



Sodium metabisulfite, Sodium pyrosulfite



• M = 190,10 g/mol
• CAS [7681-57-4]

• Melting point: ~ 150 °C
(decomposes)

GHS information: Danger.
H318 - H302 - EUH031
P280 - P264 - P305+P351+P338 - P310 - P301+P312 -
P501a

crystals or powder, white

assay (iodometric)..... 95 - 100,5 %
assay (iodometric, as SO₂)..... 65 - 67,4 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code

500 g  SO02890500
1 kg  SO02891000
5 kg  SO0289005P

SO0290 Sodium disulfite, reagent grade, ACS, Reag. Ph Eur



Sodium metabisulfite, Sodium pyrosulfite



• M = 190,10 g/mol
• CAS [7681-57-4]

• Melting point: ~ 150 °C
(decomposes)

GHS information: Danger.
H318 - H302 - EUH031
P280 - P264 - P305+P351+P338 - P310 - P301+P312 -
P501a

crystals or powder, white

assay (iodometric)..... min. 98 %

Packaging Code

500 g  SO02900500
1 kg  SO02901000

SO0355 Sodium fluoride, extra pure, Ph Eur, BP, USP*Chemifluor, Ossalin, Ossin, Zymafluor***NaF**

- M = 41,99 g/mol
- CAS [7681-49-4]
- Melting point: 993 °C

- Boiling point: 1704 °C
- UN 1690

GHS information: Danger.

H301 - H315 - H319 - EUH032

P280 - P301+P310 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

1 kg SO03551000

5 kg SO0355005P

crystalline powder, white

assay (complexometric, on dried

substance).....

residual solvents (Ph Eur/ICH).....

98,5 - 100,5 %

excluded by
production process**SO0323 Sodium fluoride, reagent grade, ACS, ISO***Chemifluor, Ossalin, Ossin, Zymafluor***NaF**

- M = 41,99 g/mol
- CAS [7681-49-4]
- Melting point: 993 °C

- Boiling point: 1704 °C
- UN 1690

GHS information: Danger.

H301 - H315 - H319 - EUH032

P280 - P301+P310 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

500 g SO03230500

1 kg SO03231000

5 kg SO0323005P

crystalline powder, white

assay (complexometric)..... min. 99 %

SO0324 Sodium formate, extra pure*Formic acid sodium salt***NaOOCH**

- M = 68,01 g/mol
- CAS [141-53-7]

- Melting point: 255 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

500 g SO03240500

1 kg SO03241000

5 kg SO0324005P

crystals, white

assay (iodometric)..... min. 99 %

SO0326 Sodium formate, reagent grade, ACS, Reag. Ph Eur*Formic acid sodium salt***NaOOCH**

- M = 68,01 g/mol
- CAS [141-53-7]

- Melting point: 255 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

500 g SO03260500

1 kg SO03261000

5 kg SO0326005P

crystals, white

assay (iodometric)..... min. 99 %

SO0325 Sodium formate, HPLC grade*Formic acid sodium salt***NaOOCH**

- M = 68,01 g/mol
- CAS [141-53-7]

- Melting point: 255 °C

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code

250 g SO03250250

assay (iodometric)..... min. 99,5 %

maximum absorbance of an aqueous

solution (10 %) in a 1,0 cm cell at

wavelength:

260 nm..... 0,05 AU

270 nm..... 0,04 AU

300 nm..... 0,03 AU

330 nm..... 0,02 AU

absorbance:

SO0400 Sodium L-glutamate monohydrate, extra pure, NF**C₅H₉NNaO₄·H₂O**

- M = 187,13 g/mol
- CAS [6106-04-3]

- Melting point: 225 - 240 °C

assay (titr. with HClO₄)..... 99 - 100,5 %**Packaging Code**

500 g SO04000500

1 kg SO04001000

Store between 5°C and 30°C

Sodiu

SO0415 Sodium hexametaphosphate, extra pure

Sodium polyphosphate, Graham's salt



• CAS [68915-31-1]

• Melting point: 628 °C

crystals, white

Hygroscopic

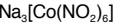
assay (in P₂O₅) (acidimetric)..... 65 - 70 %

Packaging	Code
500 g	SO04150500
1 kg	SO04151000

SO0240 Sodium hexanitrocobaltate(III), reagent grade, ACS



Sodium cobaltinitrite, Cobalt(III) sodium nitrite



• M = 403,94 g/mol
• CAS [13600-98-1]

• UN 1479

GHS information: Danger.
H272 - H350
P221 - P210 - P220 - P280 - P405 - P501a

powder, orange

Packaging	Code
25 g	SO02400025
100 g	SO02400100

SO0128 Sodium hydrogen carbonate, pure

Sodium bicarbonate



• M = 84,01 g/mol
• CAS [144-55-8]

• Melting point: 270 °C
(decomposes)

crystals or powder, white

Packaging	Code
5 kg	SO0128005P
25 kg	SO0128025P

SO0129 Sodium hydrogen carbonate, extra pure, Ph Eur, BP, USP

Sodium bicarbonate



• M = 84,01 g/mol
• CAS [144-55-8]

• Melting point: 270 °C
(decomposes)

crystals or powder, white

assay (acidimetric, on dried sample)..... 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging	Code
500 g	SO01290500
1 kg	SO01291000
5 kg	SO0129005P
25 kg	SO0129025P

SO0131 Sodium hydrogen carbonate, reagent grade, ACS, ISO, Reag. Ph Eur

Sodium bicarbonate



• M = 84,01 g/mol
• CAS [144-55-8]

• Melting point: 270 °C
(decomposes)

crystals or powder, white

assay (acidimetric, on dried sample)..... 99,7 - 100,3 %

Packaging	Code
500 g	SO01310500
1 kg	SO01311000
5 kg	SO0131005P
25 kg	SO0131025P

SO0130 Sodium hydrogen carbonate, HPLC grade

Sodium bicarbonate



• M = 84,01 g/mol
• CAS [144-55-8]

• Melting point: 270 °C
(decomposes)

crystals or powder, white

assay (acidimetric)..... min. 99,5 %
maximum absorbance of an aqueous
solution (10%) in a 1,0 cm cell at
wavelength:
240 nm..... absorbance:
250 nm..... 0,1 AU
260 nm..... 0,04 AU
280 nm..... 0,02 AU
0,01 AU

Packaging	Code
250 g	SO01300250

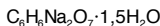
SO0133 Sodium hydrogen carbonate, saturated solution

• M = 84,01 g/mol
• CAS [144-55-8]

• Density: 1,05

Packaging Code

1 l  SO01331000

SO0350 di-Sodium hydrogen citrate 1,5-hydrate, extra pure, BP

• M = 263,11 g/mol
• CAS [6132-05-4]

• Melting point: 149 °C

assay (titr. with HClO_4)..... min. 99 %

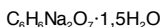
crystals or powder, white

Packaging Code

1 kg  SO03501000

5 kg  SO0350005P

25 kg  SO0350025P

SO0349 di-Sodium hydrogen citrate 1,5-hydrate, reagent grade, Reag. Ph Eur

• M = 263,11 g/mol
• CAS [6132-05-4]

• Melting point: 149 °C

assay (titr. with HClO_4)..... min. 99 %

crystals or powder, white

Packaging Code

500 g  SO03490500

1 kg  SO03491000

5 kg  SO0349005P

SO0335 di-Sodium hydrogen phosphate anhydrous, extra pure, Ph Eur, BP, USP

Disodium hydrogen phosphate, Sodium phosphate dibasic



• M = 141,96 g/mol
• CAS [7558-79-4]

• Melting point: ~ 250 °C
(decomposes)

assay (acidimetric, on dried substance)
residual solvents (Ph Eur/ICH).....

98 - 100,5 %
excluded by
production process

floury powder, white

Hygroscopic

Packaging Code

500 g  SO03350500

1 kg  SO03351000

5 kg  SO0335005P

25 kg  SO0335025P

SO0337 di-Sodium hydrogen phosphate anhydrous, reagent grade, ACS, Reag. Ph Eur

Disodium hydrogen phosphate, Sodium phosphate dibasic



• M = 141,96 g/mol
• CAS [7558-79-4]

• Melting point: ~ 250 °C
(decomposes)

assay (acidimetric)..... min. 99 %

floury powder, white

Hygroscopic

Packaging Code

500 g  SO03370500

1 kg  SO03371000

5 kg  SO0337005P

25 kg  SO0337025P

SO0329 di-Sodium hydrogen phosphate anhydrous, molecular biology grade

Disodium hydrogen phosphate, Sodium phosphate dibasic



• M = 141,96 g/mol
• CAS [7558-79-4]

• Melting point: ~ 250 °C
(decomposes)

assay (acidimetric) min. 99,5 %
DNases, RNases, Proteases non detected

floury powder, white

Hygroscopic

Packaging Code

250 g  SO03290250

1 kg  SO03291000

SO0338 di-Sodium hydrogen phosphate dihydrate, extra pure, Ph Eur, BP, USP

Sodium monohydrogen phosphate, Sodium phosphate dibasic



• M = 177,99 g/mol
• CAS [10028-24-7]

• Melting point: 92,5 °C (release of
crystalline water)

assay (acidimetric, on dried substance)
residual solvents (Ph Eur/ICH).....

98 - 100,5 %
excluded by
production process

crystals, colourless or white

Packaging Code

500 g  SO03380500

1 kg  SO03381000

25 kg  SO0338025P

Sodi

SO0339 di-Sodium hydrogen phosphate dihydrate, reagent grade, Reag. Ph Eur

Sodium monohydrogen phosphate, Sodium phosphate dibasic

Na₂HPO₄·2H₂O

• M = 177,99 g/mol

• CAS [10028-24-7]

• Melting point: 92,5 °C (release of crystalline water)

assay (acidimetric).....

min. 99,5 %

Packaging

500 g

1 kg

Code

SO03390500

SO03391000

SO0345 di-Sodium hydrogen phosphate dihydrate, HPLC grade

Sodium monohydrogen phosphate, Sodium phosphate dibasic

Na₂HPO₄·2H₂O

• M = 177,99 g/mol

• CAS [10028-24-7]

• Melting point: 92,5 °C (release of crystalline water)

assay (acidimetric).....

min. 99,5 %

maximum absorbance of an aqueous solution (10% in a 1,0 cm cell at wavelength:

absorbance:

230 nm.....

0,1 AU

260 nm.....

0,06 AU

280 nm.....

0,04 AU

320 nm.....

0,02 AU

Packaging

250 g

Code

SO03450250

SO0336 di-Sodium hydrogen phosphate dodecahydrate, extra pure, Ph Eur, BP

Sodium monohydrogen phosphate, Sodium phosphate dibasic

Na₂HPO₄·12H₂O

• M = 358,14 g/mol

• CAS [10039-32-4]

• Melting point: 35 °C

assay (acidimetric).....

98,5 - 102,5 %

residual solvents (Ph Eur/ICH).....

excluded by production process

Packaging

500 g

1 kg

5 kg

25 kg

Code

SO03360500

SO03361000

SO0336005P

SO0336025P

SO0343 di-Sodium hydrogen phosphate dodecahydrate, reagent grade, ISO

Sodium monohydrogen phosphate, Sodium phosphate dibasic

Na₂HPO₄·12H₂O

• M = 358,14 g/mol

• CAS [10039-32-4]

• Melting point: 35 °C

assay (acidimetric).....

99 - 102 %

Packaging

500 g

1 kg

5 kg

Code

SO03430500

SO03431000

SO0343005P

SO0160 Sodium hydrogen selenite, for microbiology

Sodium biselenite

NaHSeO₃

• M = 150,95 g/mol

• CAS [7782-82-3]

• UN 2630

GHS information: Danger.

H301 - H331 - H373 - H400 - H410

P260 - P261 - P301+P310 - P321 - P405 - P501a

Packaging

100 g

Code

SO01600100

SO0150 Sodium hydrogen sulfate anhydrous, extra pure

Sodium bisulfate

NaHSO₄

• M = 120,06 g/mol

• CAS [7681-38-1]

• Melting point: 315 °C

• UN 3260

GHS information: Danger.

H318

P280 - P305+P351+P338 - P310

Packaging

500 g

1 kg

5 kg

Code

SO01500500

SO01501000

SO0150005P

SO0417 Sodium hydrogen sulfite, solution 40%, extra pure*Sodium bisulfite, Bisulfite, Sodium bisulfite solution***NaHSO₃**

- M = 104,06 g/mol
- CAS [7631-90-5]
- Density: 1,25

- Melting point: -44 °C
- Boiling point: 146 °C
- UN 2693

GHS information: Warning.

H302 - EUH031

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

1 l SO04171000

25 l SO0417025P

Store between 15°C and 25°C

SO0419 Sodium hydrogen tartrate monohydrate, reagent grade*Sodium bitartrate monohydrate***C₄H₅NaO₆·H₂O**

- M = 190,09 g/mol
- CAS [526-94-3]

- Melting point: 253 °C

assay (acidimetric) 99,5 - 100,5 %

Packaging Code

500 g SO04190500

1 kg SO04191000

5 kg SO0419005P

SO0418 Sodium hydroxide, granulated, synthesis grade*Caustic soda***NaOH**

- M = 40,00 g/mol
- CAS [1310-73-2]
- Melting point: 323 °C

- Boiling point: 1390 °C
- UN 1823

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 kg SO04181000

5 kg SO0418005P

25 kg SO0418025P

pearls, white, 1mm

assay (acidimetric)..... min. 98 %

Hygroscopic

SO0420 Sodium hydroxide, pellets, extra pure, Ph Eur, BP, NF*Caustic soda***NaOH**

- M = 40,00 g/mol
- CAS [1310-73-2]
- Melting point: 323 °C

- Boiling point: 1390 °C
- UN 1823

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

500 g SO04200500

1 kg SO04201000

5 kg SO0420005P

25 kg SO0420025P

pellets, white or almost white, 0,5cm

assay (acidimetric)..... 97 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Hygroscopic

SO0425 Sodium hydroxide, pellets, reagent grade, ACS, ISO, Reag. Ph Eur*Caustic soda***NaOH**

- M = 40,00 g/mol
- CAS [1310-73-2]
- Melting point: 323 °C

- Boiling point: 1390 °C
- UN 1823

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

500 g SO04250500

1 kg SO04251000

5 kg SO0425005P

25 kg SO0425025P

pellets, white or almost white, 0,5cm

assay (acidimetric)..... min. 99,0 %

Hygroscopic

SO0424 Sodium hydroxide, solution 50% w/v, extra pure**NaOH**

- M = 40,00 g/mol
- CAS [1310-73-2]
- Density: ~ 1,4

- Melting point: 12 °C
- Boiling point: 143 °C
- UN 1824

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

5 l SO0424005P

25 l SO0424025P

Store between 15°C and 25°C

Sodi

SO0422 Sodium hydroxide, solution 40% w/v, extra pure



NaOH

- M = 40,00 g/mol
- CAS [1310-73-2]
- Density: 1,33
- UN 1824

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l SO04221000
5 l SO0422005P
25 l SO0422025P

Store between 15°C and 25°C

SO0423 Sodium hydroxide, solution 35% w/v, extra pure



NaOH

- M = 40,00 g/mol
- CAS [1310-73-2]
- Density: ~ 1,3
- Melting point: 9 °C
- Boiling point: 119 °C
- UN 1824

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
5 l SO0423005P
25 l SO0423025P

Store between 15°C and 25°C

SO0426 Sodium hydroxide, solution 32% w/v, for the determination of nitrogen



NaOH

- M = 40,00 g/mol
- CAS [1310-73-2]
- Density: 1,26
- Melting point: 9 °C
- Boiling point: 119 °C
- UN 1824

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l SO04261000

Store above 0°C

SO0421 Sodium hydroxide, solution 30% w/v, extra pure



NaOH

- M = 40,00 g/mol
- CAS [1310-73-2]
- Density: 1,27
- UN 1824

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l SO04211000

Store above 0°C

SO0433 Sodium hydroxide, solution 25% w/v, extra pure



NaOH

- M = 40,00 g/mol
- CAS [1310-73-2]
- Density: ~ 1,23
- UN 1824

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l SO04331000
5 l SO0433005P
25 l SO0433025P

Store above 0°C

SO0412 Sodium hydroxide, solution 20% w/v, extra pure



NaOH

- M = 40,00 g/mol
- CAS [1310-73-2]
- Density: ~ 1,21
- Melting point: -26 °C
- Boiling point: 100 °C
- UN 1824

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
500 ml SO04120500

Store above 0°C

SO0451 Sodium hydroxide, solution 6 mol/l (6 N)



NaOH

- M = 40,00 g/mol
- CAS [1310-73-2]
- Density: ~ 1,23
- UN 1824

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l SO04511000

Store between 15°C and 25°C

Traceable to SRM from NIST

SO0455 Sodium hydroxide, solution 5 mol/l (5 N)**NaOH**

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: ~ 1,18
• UN 1824

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l SO04551000

Store between 15°C and 25°C

Traceable to SRM from NIST

SO0440 Sodium hydroxide, solution 2 mol/l (2 N)**NaOH**

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,09
• UN 1824

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l SO04401000

5 l SO0440005P

10 l SO0440010C

Store between 15°C and 25°C

Traceable to SRM from NIST

SO0430 Sodium hydroxide, solution 1,66 mol/l (1,66 N)**NaOH**

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: ~ 1,07
• UN 1824

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l SO04301000

Store between 15°C and 25°C

Traceable to SRM from NIST

SO0441 Sodium hydroxide, solution 1 mol/l (1 N)**NaOH**

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,04
• UN 1824

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l SO04411000

5 l SO0441005P

10 l SO0441010C

Store between 15°C and 25°C

Traceable to SRM from NIST

SO0442 Sodium hydroxide, solution 0,5 mol/l (0,5 N)**NaOH**

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,02
• UN 1824

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

1 l SO04421000

5 l SO0442005P

10 l SO0442010C

Store between 15°C and 25°C

Traceable to SRM from NIST

SO0452 Sodium hydroxide, solution 0,4 mol/l (0,4 N)**NaOH**

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,02
• UN 1824

GHS information: Warning.

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Packaging Code

1 l SO04521000

Store between 15°C and 25°C

Traceable to SRM from NIST

SO0449 Sodium hydroxide, solution 0,3546 mol/l (0,3546 N)**NaOH**

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,01
• UN 1824

GHS information: Warning.

H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 -
P337+P313

Packaging Code

1 l SO04491000

Store between 15°C and 25°C

Traceable to SRM from NIST

Sodi

SO0444 Sodium hydroxide, solution 0,25 mol/l (0,25 N)



NaOH

- M = 40,00 g/mol
- Density: 1,01
- CAS [1310-73-2]
- UN 1824

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code
1 l SO04441000

Store between 15°C and 25°C
Traceable to SRM from NIST

SO0464 Sodium hydroxide, solution 1/4,9 mol/l (1/4,9 N)



NaOH

- M = 40,00 g/mol
- Density: 1,01
- CAS [1310-73-2]
- UN 1824

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code
500 ml SO04640500
1 l SO04641000

Store between 15°C and 25°C
Traceable to SRM from NIST

SO0445 Sodium hydroxide, solution 0,2 mol/l (0,2 N)



NaOH

- M = 40,00 g/mol
- Density: 1,01
- CAS [1310-73-2]
- UN 1824

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code
1 l SO04451000

Store between 15°C and 25°C
Traceable to SRM from NIST

SO0429 Sodium hydroxide, solution 1/9 mol/l (1/9 N)

NaOH

- M = 40,00 g/mol
- Density: 1,004
- CAS [1310-73-2]

Packaging Code
1 l SO04291000
5 l SO0429005P
10 l SO0429010C

Store between 15°C and 25°C
Traceable to SRM from NIST

SO0443 Sodium hydroxide, solution 0,1 mol/l (0,1 N)

NaOH

- M = 40,00 g/mol
- Density: 1,00
- CAS [1310-73-2]

Packaging Code
1 l SO04431000
5 l SO0443005P
10 l SO0443010C

Store between 15°C and 25°C
Traceable to SRM from NIST

SO0453 Sodium hydroxide, solution 0,05 mol/l (0,05 N)

NaOH

- M = 40,00 g/mol
- Density: 1,003
- CAS [1310-73-2]

Packaging Code
1 l SO04531000

Store between 15°C and 25°C
Traceable to SRM from NIST

SO0447 Sodium hydroxide, solution 0,025 mol/l (0,025 N)

NaOH

- M = 40,00 g/mol
- Density: 1,00
- CAS [1310-73-2]

Packaging Code
1 l SO04471000

Store between 15°C and 25°C
Traceable to SRM from NIST

SO0465 Sodium hydroxide, solution 1/49 mol/l (1/49 N)

NaOH

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,00

Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging Code

500 ml  SO04650500
1 l  SO04651000

SO0448 Sodium hydroxide, solution 0,02 mol/l (0,02 N)

NaOH

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,00

Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging Code

500 ml  SO04480500
1 l  SO04481000

SO0439 Sodium hydroxide, solution 0,01 mol/l (0,01 N)

NaOH

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,00

Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging Code

1 l  SO04391000
5 l  SO0439005P
10 l  SO0439010C

SO0428 Sodium hydroxide, concentrated solution to prepare 1 l of solution 1 mol/l (1 N)

NaOH

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,38
• UN 1824

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

u.  SO042800PA

SO0434 Sodium hydroxide, concentrated solution to prepare 1 l of solution 0,5 mol/l (0,5 N)

NaOH

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,185
• UN 1824

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

u.  SO043400PA

SO0427 Sodium hydroxide, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,1 N)

NaOH

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,09
• UN 1824

GHS information: Danger.

H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code

u.  SO042700PA

SO0438 Sodium hydroxide, concentrated solution to prepare 1 l of solution 0,01 mol/l (0,01 N)

NaOH

• M = 40,00 g/mol
• CAS [1310-73-2]

• Density: 1,01
• UN 1824

Packaging Code

u.  SO043800PA

Store between 15°C and 25°C

Sodiu

SO0436 Sodium hypochlorite, solution 15% w/v, extra pure



Clorox

NaClO

- M = 74,44 g/mol
- CAS [7681-52-9]
- Density: (20 °C) ~ 1,22

- Melting point: ~ -16 °C
- Boiling point: ~ 97 °C
- UN 1791

GHS information: Danger.
H314 - EUH031
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l SO04361000

Store below 15°C

SO0432 Sodium hypochlorite, solution 10% w/v, extra pure



Clorox

NaClO

- M = 74,44 g/mol
- CAS [7681-52-9]

- Density: 1,12 - 1,18
- UN 1791

GHS information: Danger.
H314 - EUH031
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l SO04321000
5 l SO0432005P
25 l SO0432025P

Store below 15°C

SO0431 Sodium hypochlorite, solution 5% w/v, extra pure



Clorox

NaClO

- M = 74,44 g/mol
- CAS [7681-52-9]

- Density: 1,10
- UN 1791

GHS information: Danger.
H318 - H315 - EUH210
P280 - P303+P361+P338 - P310 - P321 - P362 -
P332+P313

Packaging Code
1 l SO04311000
5 l SO0431005P
25 l SO0431025P

Store between 5°C and 30°C

SO0825 Sodium iodate, reagent grade



NaIO₃

- M = 197,89 g/mol
- CAS [7681-55-2]

- UN 1479

GHS information: Danger.
H271
P221 - P283 - P210 - P306+P360 - P371+P380+P375 -
P501a

Packaging Code
100 g SO08250100
250 g SO08250250

assay (iodometric)..... min. 99,5 %

SO0835 Sodium iodide, extra pure, Ph Eur, BP, USP

NaI

- M = 149,89 g/mol
- CAS [7681-82-5]

- Melting point: 662 °C
- Boiling point: 1304 °C

crystals, white or almost white

assay (argentometric, on dried substance)..... 99 - 100,5 %
residual solvents (Ph Eur/ICH) class 3... max. 0,5 %
other residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging Code
250 g SO08350250
1 kg SO08351000

SO0837 Sodium iodide, reagent grade, ACS, Reag. Ph Eur

NaI

- M = 149,89 g/mol
- CAS [7681-82-5]

- Melting point: 662 °C
- Boiling point: 1304 °C

crystals, white or almost white

assay (argentometric)..... min. 99,5 %

Packaging Code
100 g SO08370100
250 g SO08370250
500 g SO08370500
1 kg SO08371000

SO0460 Sodium lactate, solution 50% w/w, extra pure, Ph Eur, BP, USP*L-2-Hydroxypropanoic acid sodium salt, Lactic acid sodium salt*

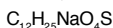
- M = 112,06 g/mol
- CAS [867-56-1]
- Density: 1,263
- Boiling point: 109 °C

Store between 15°C and 25°C

assay (titr. with HClO₄) 49 - 51 %
 residual solvents(Ph Eur).class 2.
 (Methanol)..... max. 0,005%
 residual solvents(Ph Eur).class 3.
 (Ethanol)..... max. 0,05 %
 other residual solvents..... excluded by
 production process

Packaging Code

1 l SO04601000
 5 l SO0460005P

SO0450 Sodium lauryl sulfate, 95%, extra pure*Dodecyl sulfate sodium salt, SDS*

- M = 288,38 g/mol
- CAS [151-21-3]
- Melting point: 204 - 207 °C

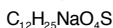
granular, slightly cream or beige, less than 2mm

Store between 15°C and 25°C

GHS information: Warning.
 H302 - H312 - H315 - H319
 P280 - P305+P351+P338 - P321 - P322 - P362 -
 P501a

Packaging Code

500 g SO04500500
 1 kg SO04501000
 5 kg SO0450005P

SD0010 Sodium lauryl sulfate, molecular biology grade*Dodecyl sulfate sodium salt, SDS*

- M = 288,38 g/mol
- CAS [151-21-3]
- Melting point: 204 - 207 °C

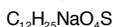
flakes-shaped, white

Store between 15°C and 25°C

GHS information: Warning.
 H302 - H312 - H315 - H319
 P280 - P305+P351+P338 - P321 - P322 - P362 -
 P501a

Packaging Code

50 g SD00100050
 500 g SD00100500
 1 kg SD00101000

SO0456 Sodium lauryl sulfate, for ion-pair chromatography*Dodecyl sulfate sodium salt, SDS*

- M = 288,38 g/mol
- CAS [151-21-3]
- Melting point: 204 - 207 °C

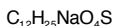
flakes, bright white

Store between 15°C and 25°C

GHS information: Warning.
 H302 - H312 - H315 - H319
 P280 - P305+P351+P338 - P321 - P322 - P362 -
 P501a

Packaging Code

25 g SO04560025
 100 g SO04560100

SO0458 Sodium lauryl sulfate, solution 0,004 mol/l

- M = 288,38 g/mol
- CAS [151-21-3]
- Density: 1,00

Packaging Code

1 l SO04581000

SO0100 Sodium metaarsenite, solution 0,05 mol/l (0,1 N)

- M = 129,91 g/mol
- CAS [7784-46-5]
- Density: 1,01
- UN 1686

Store between 15°C and 25°C

Traceable to SRM from NIST

GHS information: Danger.
 H350 - H412
 P281 - P273 - P201 - P308+P313 - P405 - P501a

Packaging Code

1 l SO01001000

Sodium metabisulfite. See Sodium disulfite page 270

Sodiu

SO0564 Sodium metaperiodate, extra pure



Sodium periodate



- M = 213,89 g/mol
- CAS [7790-28-5]

- Melting point: 300 °C (decomposes)
- UN 1479

GHS information: Danger.
H272
P221 - P210 - P220 - P280 - P370+P378a - P501a

assay (iodometric)..... min. 99 %

crystals, almost white

Packaging	Code
1 kg	SO05641000
5 kg	SO0564005P

SO0565 Sodium metaperiodate, reagent grade, ACS, Reag. Ph Eur



Sodium periodate



- M = 213,89 g/mol
- CAS [7790-28-5]

- Melting point: 300 °C (decomposes)
- UN 1479

GHS information: Danger.
H272
P221 - P210 - P220 - P280 - P370+P378a - P501a

assay (iodometric, on dried sample)..... 99,8 - 100,3 %

crystals, almost white

Packaging	Code
100 g	SO05650100
250 g	SO05650250

SO0820 Sodium metavanadate, synthesis grade



Sodium monovanadate, Sodium vanadate(V)



- M = 121,93 g/mol
- CAS [13718-26-8]

- Melting point: 630 °C
- UN 3285

GHS information: Danger.
H301 - H315 - H319 - H335
P261 - P301+P310 - P305+P351+P338 - P321 - P405 - P501a

assay..... min. 96 %

Packaging	Code
100 g	SO08200100
250 g	SO08200250

SO0489 Sodium molybdate dihydrate, extra pure, Ph Eur, BP



- M = 241,95 g/mol

- CAS [10102-40-6]

assay (on dried substance)..... 98 - 100,5 %
residual solvents (Ph Eur/USP)..... excluded by production process

Packaging	Code
100 g	SO04890100
250 g	SO04890250
1 kg	SO04891000

SO0490 Sodium molybdate dihydrate, reagent grade, ACS, Reag. Ph Eur



- M = 241,95 g/mol

- CAS [10102-40-6]

assay (complexometric)..... 99,5 - 103,0 %

Packaging	Code
100 g	SO04900100
250 g	SO04900250
1 kg	SO04901000

Sodium monovanadate. See Sodium metavanadate page 282

SO0500 Sodium nitrate, extra pure



Nitric acid sodium salt



- M = 84,99 g/mol
- CAS [7631-99-4]

- Melting point: 308 °C
- UN 1498

GHS information: Danger.
H272 - H319
P221 - P210 - P220 - P280 - P305+P351+P338 - P501a

assay (acidimetric)..... min. 99 %

crystals, white

Packaging	Code
500 g	SO05000500
1 kg	SO05001000
5 kg	SO0500005P
25 kg	SO0500025P

SO0501 Sodium nitrate, reagent grade, ACS, ISO*Nitric acid sodium salt*

- M = 84,99 g/mol
- CAS [7631-99-4]

- Melting point: 308 °C
- UN 1498

crystals, white

GHS information: Danger.

H272 - H319

P221 - P210 - P220 - P280 - P305+P351+P338 - P501a

assay (acidimetric)..... min. 99,5 %

Packaging Code

500 g SO05010500

1 kg SO05011000

5 kg SO0501005P

SO0505 Sodium nitrate, solution 1 mol/l

- M = 84,99 g/mol
- CAS [7631-99-4]

- Density: 1,0

Traceable to SRM from NIST

GHS information: Danger.

H272

P221 - P210 - P220 - P280 - P370+P378a - P501a

Packaging Code

1 l SO05051000

SO0510 Sodium nitrite, synthesis grade

- M = 69,00 g/mol
- CAS [7632-00-0]

- Melting point: 280 °C (decomposes)
- UN 1500

crystals, slightly yellow

Hygroscopic

GHS information: Danger.

H301 - H272 - H400

P221 - P210 - P301+P310 - P321 - P405 - P501a

assay (iodometric)..... min. 98 %

Packaging Code

500 g SO05100500

1 kg SO05101000

5 kg SO0510005P

SO0512 Sodium nitrite, reagent grade, ACS

- M = 69,00 g/mol
- CAS [7632-00-0]

- Melting point: 280 °C (decomposes)
- UN 1500

crystals, yellow

Hygroscopic

GHS information: Danger.

H301 - H272 - H400

P221 - P210 - P301+P310 - P321 - P405 - P501a

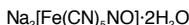
assay (permanganometric)..... min. 99 %

Packaging Code

500 g SO05120500

1 kg SO05121000

5 kg SO0512005P

*Sodium nitroferrocyanide. See Sodium nitroprusside dihydrate page 283***SO0520 Sodium nitroprusside dihydrate, reagent grade, ACS***Disodiumpentacyanonitrosylferrate(II) dihydrate, Disodiumnitrosylpentacyanoferrate(II)*

- M = 297,95 g/mol
- CAS [13755-38-9]

- UN 1588

crystals, dark red, up to 1cm

Store between 15°C and 25°C

GHS information: Danger.

H301

P264 - P270 - P301+P310 - P321 - P405 - P501a

assay (argentometric)..... 99 - 102 %

Packaging Code

100 g SO05200100

250 g SO05200250

500 g SO05200500

SO0529 di-Sodium oxalate, extra pure*Oxalic acid sodium salt, Soerensen's buffer substances*

- M = 134,01 g/mol
- CAS [62-76-0]

- Melting point: 250 - 270 °C (decomposes)

bulky powder, white

Store between 15°C and 25°C

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

assay (permanganometric) min. 99 %

Packaging Code

500 g SO05290500

1 kg SO05291000

5 kg SO0529005P

25 kg SO0529025P

Sodiu

SO0530 di-Sodium oxalate, reagent grade, ACS, Reag. Ph Eur



Oxalic acid sodium salt, Soerensen's buffer substances



- M = 134,01 g/mol
- CAS [62-76-0]

- Melting point: 250 - 270 °C (decomposes)

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

Packaging Code

500 g SO05300500

1 kg SO05301000

5 kg SO0530005P

bulky powder, white

assay (permanganometric)..... min. 99,8 %

Store between 15°C and 25°C

SO0531 di-Sodium oxalate, secondary standard for volumetric titrations, Titrasure®



Oxalic acid sodium salt, Soerensen's buffer substances



- M = 134,01 g/mol
- CAS [62-76-0]

- Melting point: 250 - 270 °C (decomposes)

GHS information: Warning.

H302 - H312

P280 - P322 - P301+P312 - P312 - P363 - P501a

Packaging Code

80 g SO05310080

Store between 15°C and 25°C

assay (on dried sample)..... ≥ 99,7 %

Traceable to SRM from NIST

SO0535 Sodium perchlorate monohydrate, extra pure, Reag. Ph Eur



- M = 140,46 g/mol
- CAS [7791-07-3]

- Melting point: 130 °C
- UN 1502

GHS information: Danger.

H271 - H302

P221 - P283 - P210 - P306+P360 - P371+P380+P375 - P501a

Packaging Code

500 g SO05350500

crystals, white

assay (argentometric)..... min. 99 %

SO0555 Sodium peroxide, extra pure



- M = 77,98 g/mol
- CAS [1313-60-6]
- Melting point: 460 °C

- Boiling point: 657 °C (decomposes)
- UN 1504

GHS information: Danger.

H271 - H314

P221 - P283 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

100 g SO05550100

250 g SO05550250

1 kg SO05551000

Hygroscopic

assay (permanganometric) min. 95 %

Store below 25°C

SO0540 Sodium peroxodisulfate, extra pure



Sodium persulfate, Peroxydisulfuric acid disodium salt



- M = 238,09 g/mol
- CAS [7775-27-1]

- UN 1505

GHS information: Danger.

H272 - H334 - H302 - H335 - H315 - H319 - H317

P221 - P210 - P285 - P305+P351+P338 - P405 - P501a

Packaging Code

100 g SO05400100

1 kg SO05401000

crystals, white or almost white

assay (iodometric)..... min. 98 %

SO1151 Sodium peroxodisulfate solution 14% w/v + ortho-Phosphoric acid 0,73% w/v in water



Store below 15°C

GHS information: Danger.

H272 - H315 - H319 - H334 - H317

P221 - P210 - P285 - P305+P351+P338 - P321 - P501a

Packaging Code

1 l SO11511000

5 l SO1151005P

25 l SO1151025P

Sodium persulfate. See Sodium peroxodisulfate page 284

SO0342 tri-Sodium phosphate anhydrous, extra pure*tri-Sodium orthophosphate, TSP, Sodium phosphate tribasic*

- M = 163,94 g/mol
- CAS [7601-54-9]

- Melting point: 75 °C (decomposes)
- UN 3262

GHS information: Danger.

H314

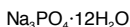
P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

250 g SO03420250

1 kg SO03421000

assay (acidimetric)..... min. 98 %

*Sodium phosphate dibasic. See di-Sodium hydrogen phosphate anhydrous page 273***SO0340 tri-Sodium phosphate dodecahydrate, reagent grade, ACS***Trisodium phosphate, Sodium phosphate tribasic*

- M = 380,12 g/mol
- CAS [10101-89-0]

- Melting point: 75 °C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

500 g SO03400500

1 kg SO03401000

5 kg SO0340005P

25 kg SO0340025P

crystals, colourless or white

assay (acidimetric)..... 98 - 102 %

*Sodium phosphate monobasic. See Sodium dihydrogen phosphate anhydrous page 269***SO0341 tri-Sodium phosphate monohydrate, extra pure***Trisodium phosphate, Sodium phosphate tribasic*

- M = 181,96 g/mol

Packaging Code

500 g SO03410500

1 kg SO03411000

5 kg SO0341005P

25 kg SO0341025P

assay (acidimetric)..... min. 98 %

*Sodium phosphate tribasic. See tri-Sodium phosphate anhydrous page 285***SO0435 Sodium phosphinate monohydrate, extra pure, Reag. Ph Eur***Sodium hypophosphite monohydrate*

- M = 105,99 g/mol
- CAS [10039-56-2]

- Melting point: > 90 °C (decomposes)

Packaging Code

250 g SO04350250

1 kg SO04351000

assay (bromometric) min. 99 %

*Sodium polyphosphate. See Sodium hexametaphosphate page 272**Sodium potassium tartrate. See Potassium sodium tartrate tetrahydrate page 244**Sodium pyrosulfite. See Sodium disulfite page 270***SO0590 Sodium pyruvate, for microbiology***Pyruvic acid, sodium salt*

- M = 110,05 g/mol
- CAS [113-24-6]

- Melting point: 220 - 230 °C

Packaging Code

100 g SO05900100

500 g SO05900500

Sodi

SO0615 Sodium rhodizonate, indicator for metal titration, reagent grade

1,2-Dihydroxy-3,4,5,6-tetraoxo-1-cyclohexene disodium salt



• M = 214,04 g/mol

• CAS [523-21-7]

Packaging Code

1 g SO06150001
5 g SO06150005

Store between 15°C and 25°C

assay (titr. with HClO4) min. 98,5 %

SO0633 Sodium salicylate, reagent grade



Salicylic acid sodium salt



• M = 160,11 g/mol
• CAS [54-21-7]

• Melting point: 200 °C

GHS information: Warning.

H302 - H319

P280 - P264 - P305+P351+P338 - P301+P312 -
P337+P313 - P501a

Packaging Code

250 g SO06330250
1 kg SO06331000
5 kg SO0633005P

flakes, bright white or almost white

assay (titr. with HClO4, on dried substance) min. 99,5 %

SO0640 Sodium silicate, neutral solution, pure



• M = 122,07 g/mol
• CAS [1344-09-8]

• Density: 1,37

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code

1 l SO06401000
2,5 l SO06402500
5 l SO0640005P

SO0665 Sodium sulfate anhydrous, powder, extra pure, Ph Eur

Sulfuric acid sodium salt



• M = 142,04 g/mol
• CAS [7757-82-6]

• Melting point: 888 °C
• Boiling point: > 890 °C
(decomposes)

assay (on dried substance) 98,5 - 101 %
residual solvents (Ph Eur/ICH) excluded by
production process

crystalline powder, white or almost white
Hygroscopic

Packaging Code

500 g SO06650500
1 kg SO06651000
2,5 kg SO06652500
5 kg SO0665005P
25 kg SO0665025P

SO0667 Sodium sulfate anhydrous, granulated, reagent grade, ACS, ISO

Sulfuric acid sodium salt



• M = 142,04 g/mol
• CAS [7757-82-6]

• Melting point: 888 °C
• Boiling point: > 890 °C
(decomposes)

assay min. 99 %

crystals, colourless or white
Hygroscopic

Packaging Code

500 g SO06670500
1 kg SO06671000
2,5 kg SO06672500
5 kg SO0667005P
25 kg SO0667025P

SO0664 Sodium sulfate anhydrous, powder, reagent grade, ACS, ISO, Reag. Ph Eur

Sulfuric acid sodium salt



• M = 142,04 g/mol
• CAS [7757-82-6]

• Melting point: 888 °C
• Boiling point: > 890 °C
(decomposes)

assay min. 99 %

powder, white or almost white
Hygroscopic

Packaging Code

500 g SO06640500
1 kg SO06641000
5 kg SO0664005P

SO0670 Sodium sulfate anhydrous, for GC residue analysis*Sulfuric acid sodium salt*

- M = 142,04 g/mol
- CAS [7757-82-6]

- Melting point: 888 °C
- Boiling point: > 890 °C (decomposes)

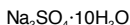
assay min. 99,5 %
suitable for pesticide residue analysis

granular, white, approx. 1,5mm

Hygroscopic

Packaging Code

1 kg SO06701000
2,5 kg SO06702500

SO0671 Sodium sulfate decahydrate, extra pure, Ph Eur, BP, USP*Glauber's salt*

- M = 322,19 g/mol
- CAS [7727-73-3]

- Melting point: 32,4 °C
- Boiling point: > 890 °C (anhydrous substance, decomposes)

assay (on dried substance) 98,5 - 101 %

Store below 25°C

Packaging Code

500 g SO06710500
1 kg SO06711000
5 kg SO0671005P
25 kg SO0671025P

SO0666 Sodium sulfide hydrate, synthesis grade

- M = 78,04 g/mol
- CAS [27610-45-3]

- Melting point: 920 °C (anhydrous substance)
- UN 1849

GHS information: Danger.

H314 - H400 - EUH031

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

500 g SO06660500
1 kg SO06661000

Store between 15°C and 25°C

assay (iodometric, Na₂S) 32 - 59 %

SO0672 Sodium sulfite, extra pure, Ph Eur, BP

- M = 126,04 g/mol
- CAS [7757-83-7]

- Melting point: > 500 °C (decomposes)

assay (iodometric) 95 - 100,5 %
residual solvents (Ph Eur/ICH) excluded by
production process

crystals, colourless or white

Packaging Code

500 g SO06720500
1 kg SO06721000
5 kg SO0672005P
25 kg SO0672025P

SO0669 Sodium sulfite, reagent grade, ACS, Reag. Ph Eur

- M = 126,04 g/mol
- CAS [7757-83-7]

- Melting point: > 500 °C (decomposes)

assay (iodometric) min. 98 %

crystals, colourless or white

Packaging Code

500 g SO06690500
1 kg SO06691000
5 kg SO0669005P

*Sodium sulfo cyanide. See Sodium thiocyanate page 288***SO0701 di-Sodium tartrate**, anhydrous, reagent grade*Tartaric acid disodium salt*

- M = 194,06 g/mol

- CAS [868-18-8]

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

250 g SO07010250
500 g SO07010500
1 kg SO07011000
5 kg SO0701005P

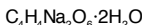
Store between 15°C and 25°C

assay (titr. with HClO₄) min. 99 %

Sodi

SO0700 di-Sodium tartrate dihydrate, reagent grade, ACS

Tartaric acid sodium salt dihydrate



• M = 230,08 g/mol
• CAS [1306-43-7]

• Melting point: 154 °C

assay (titr. with HClO₄)..... 99,5 - 101,0 %

Packaging Code

250 g  SO07000250
500 g  SO07000500
1 kg  SO07001000
5 kg  SO0700005P

SO0704 di-Sodium tetraborate anhydrous, extra pure



Sodium baborate, Sodium borate, Borax



• M = 201,22 g/mol
• CAS [1330-43-4]

• Melting point: 742 °C
• Boiling point: 1575 °C
(decomposes)

GHS information: Danger.

H360

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (acidimetric)..... min. 98 %

Packaging Code

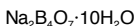
1 kg  SO07041000
5 kg  SO0704005P

crystals or powder, colourless or white

SO0705 di-Sodium tetraborate decahydrate, extra pure, Ph Eur, BP, NF



Borax, Sodium baborate decahydrate, Sodium borate decahydrate



• M = 381,37 g/mol
• CAS [1303-96-4]

• Melting point: 75 °C
• Boiling point: 1575 °C (anhydrous)

GHS information: Danger.

H360

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (acidimetric)..... 99 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code

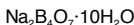
500 g  SO07050500
1 kg  SO07051000

crystals, white

SO0707 di-Sodium tetraborate decahydrate, reagent grade, ACS, ISO



Borax, Sodium baborate decahydrate, Sodium borate decahydrate



• M = 381,37 g/mol
• CAS [1303-96-4]

• Melting point: 75 °C
• Boiling point: 1575 °C (anhydrous)

GHS information: Danger.

H360

P281 - P201 - P202 - P308+P313 - P405 - P501a

assay (acidimetric)..... 99,5 - 105,0 %

Packaging Code

250 g  SO07070250
500 g  SO07070500
1 kg  SO07071000
5 kg  SO0707005P

crystals, white

OR0060 Sodium tetrachloroaurate(III) dihydrate, extra pure



Gold sodium chloride



• M = 397,80 g/mol

• CAS [13874-02-7]

GHS information: Warning.

H317

P261 - P280 - P321 - P363 - P333+P313 - P501a

Store between 15°C and 25°C

Au content..... 49,5 %

Packaging Code

1 g  OR00600001
20 g  OR00600020

SO0675 Sodium thiocyanate, reagent grade, ACS



Sodium sulfocyanide, Sodium rhodanide



• M = 81,07 g/mol
• CAS [540-72-7]

• Melting point: 310 °C

GHS information: Warning.

H302 - H312 - H332 - H412 - EUH032

P261 - P280 - P322 - P301+P312 - P304+P340 - P501a

assay (argentometric) min. 98 %

Packaging Code

500 g  SO06750500
1 kg  SO06751000
5 kg  SO0675005P

Hygroscopic

SO0720 Sodium thiosulfate anhydrous, extra pure

Antichlor



- M = 158,10 g/mol
- CAS [7772-98-7]

- Melting point: 48 °C
- Boiling point: 100 °C

assay (iodometric, on dried substance) min. 98 %

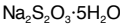
Hygroscopic

Packaging Code

- 1 kg SO07201000
- 5 kg SO0720005P

SO0725 Sodium thiosulfate pentahydrate, extra pure, Ph Eur, BP, USP

Antichlor



- M = 248,18 g/mol
- CAS [10102-17-7]

- Melting point: 48,5 °C

assay (iodometric)..... 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

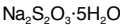
crystals, colourless or white

Packaging Code

- 500 g SO07250500
- 1 kg SO07251000
- 5 kg SO0725005P
- 25 kg SO0725025P

SO0727 Sodium thiosulfate pentahydrate, reagent grade, ACS, ISO, Reag.
Ph Eur

Antichlor



- M = 248,18 g/mol
- CAS [10102-17-7]

- Melting point: 48,5 °C

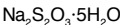
assay (iodometric)..... 99,5 - 101 %

crystals, colourless or white

Packaging Code

- 500 g SO07270500
- 1 kg SO07271000
- 5 kg SO0727005P
- 25 kg SO0727025P

SO0730 Sodium thiosulfate, solution 1 mol/l (1 N)



- M = 248,18 g/mol
- CAS [10102-17-7]

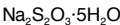
- Density: 1,12

Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging Code

- 1 l SO07301000
- 5 l SO0730005P
- 10 l SO0730010C

SO0729 Sodium thiosulfate, solution 0,5 mol/l (0,5 N)



- M = 248,18 g/mol
- CAS [10102-17-7]

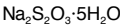
- Density: 1,06

Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging Code

- 1 l SO07291000

SO0732 Sodium thiosulfate, solution 0,282 mol/l (0,282 N)



- M = 248,18 g/mol
- CAS [10102-17-7]

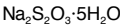
- Density: 1,03

Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging Code

- 1 l SO07321000
- 5 l SO0732005P
- 10 l SO0732010C

SO0731 Sodium thiosulfate, solution 0,1 mol/l (0,1 N)



- M = 248,18 g/mol
- CAS [10102-17-7]

- Density: ~ 1,004

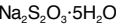
Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging Code

- 1 l SO07311000
- 5 l SO0731005P
- 10 l SO0731010C

Sodi

SO0737 Sodium thiosulfate, solution 0,05 mol/l (0,05 N)



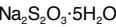
- M = 248,18 g/mol

• CAS [10102-17-7]
- Density: 1,001

Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging	Code
1 l 	SO07371000
5 l 	SO0737005P
10 l 	SO0737010C

SO0733 Sodium thiosulfate, solution 0,01 mol/l (0,01 N)



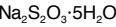
- M = 248,18 g/mol

• CAS [10102-17-7]
- Density: 0,997

Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging	Code
1 l 	SO07331000

SO0734 Sodium thiosulfate, solution 0,002 mol/l (0,002 N)



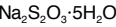
- M = 248,18 g/mol

• CAS [10102-17-7]
- Density: 1,00

Store between 15°C and 25°C
Traceable to SRM from NIST

Packaging	Code
1 l 	SO07341000

SO0728 Sodium thiosulfate, concentrated solution to prepare 1 l of solution
0,1 mol/l (0,1 N)



- M = 248,18 g/mol

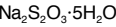
• CAS [10102-17-7]
- Density: ~ 1,22

Store between 15°C and 25°C

Packaging	Code
u. 	SO072800PA

SO0738 Sodium thiosulfate, concentrated solution to prepare 1 l of solution
0,01 mol/l (0,01N)

Antichlor



- M = 248,18 g/mol

• CAS [10102-17-7]
- Density: ~ 1,02

Store between 15°C and 25°C

Packaging	Code
u. 	SO073800PA

SO0755 Sodium p-toluensulfonate, synthesis grade

4-Toluenesulfonic acid sodium salt, p-Toluenesulfonic acid sodium salt



- M = 194,19 g/mol

• CAS [657-84-1]

assay (acidimetric) min. 98 %

SO0780 Sodium tripolyphosphate anhydrous, synthesis grade

Sodium triphosphate

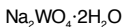


- M = 367,86 g/mol

• CAS [7758-29-4]
- Melting point: 622 °C

assay (acidimetric, as P2O5) 57 - 59 %

Packaging	Code
1 kg 	SO07801000

SO0795 Sodium tungstate dihydrate, reagent grade, ACS*Sodium wolframate dihydrate*

• M = 329,86 g/mol
• CAS [10213-10-2]

• Melting point: 100 °C (release of crystalline water)

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

100 g SO07950100

250 g SO07950250

1 kg SO07951000

assay (gravimetric)..... 99 - 101 %

AC2032 Sorbic acid, synthesis grade*2,4-Hexadienoic acid*

• M = 112,13 g/mol
• CAS [110-44-1]

• Melting point: 132 - 135 °C
• Boiling point: ~ 228 °C (decomposes)

GHS information: Warning.

H319 - H335

P261 - P280 - P305+P351+P338 - P304+P340 - P405 - P501a

Packaging Code

1 kg AC20321000

5 kg AC2032005P

crystals , white

assay (acidimetric)..... min. 99,5 %

Store between 15°C and 25°C

SO0850 D(-)-Sorbitol, extra pure, Ph Eur, BP, NF*D-Glucitol, Karion*

• M = 182,17 g/mol
• CAS [50-70-4]

• Melting point: 94 - 96 °C

Packaging Code

250 g SO08500250

1 kg SO08501000

5 kg SO0850005P

granular powder, white

assay (iodometric on dried substance).....

residual solvents (Ph Eur/ICH).....

97 - 100,5 %
excluded by
production process**SO0865 L(-)-Sorbitose, extra pure***L-Sorbinose*

• M = 180,16 g/mol
• CAS [87-79-6]

• Melting point: 164 °C

Packaging Code

250 g SO08650250

assay (HPLC) min. 99 %

Store between 15°C and 25°C

SO2000 SPADNS solution

• Density: 1,015
• Boiling point: 105 °C

• UN 3264

GHS information: Warning.

H315 - H319 - H335 - H336

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

1 l SO20001000

SS0010 SSC 20X buffer pH = 7,0, molecular biology grade

• Density: 1,15

GHS information: EUH210

Packaging Code

1 l SS00101000

Store between 15°C and 25°C

pH

DNases, RNases, Proteases

6,9 - 7,1
non detected**SS0015 SSPE 20X buffer pH = 7,4, molecular biology grade**

• Density: 1,14

GHS information: EUH210

Packaging Code

1 l SS00151000

Store between 15°C and 25°C

pH

DNases, RNases, Proteases

7,3 - 7,5
non detected

Standards, AA

AL0751 Aluminium, standard solution 1000 mg/l Al for AA (aluminium nitrate nonahydrate in nitric acid 0,5 mol/l)			
• Density: ~ 1,01	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  AL07510100 500 ml  AL07510500
Store between 15°C and 25°C Traceable to SRM from NIST			
AN0440 Antimony, standard solution 1000 mg/l Sb for AA (antimony(III) chloride in hydrochloric acid 5 mol/l)			
• Density: ~ 1,08	• UN 3264	GHS information: Warning. H315 - H319 - H335 - H336 P261 - P280 - P305+P351+P338 - P321 - P405 - P501a	Packaging Code 100 ml  AN04400100 500 ml  AN04400500
Store between 15°C and 25°C Traceable to SRM from NIST			
AR0151 Arsenic, standard solution 1000 mg/l As for AA (arsenic(III) oxide in nitric acid 0,5 mol/l)			 
• Density: ~ 1,01	• UN 2922	GHS information: Danger. H315 - H319 - H350 P280 - P281 - P305+P351+P338 - P321 - P405 - P501a	Packaging Code 100 ml  AR01510100 500 ml  AR01510500
Store between 15°C and 25°C Traceable to SRM from NIST			
BA0010 Barium, standard solution 1000 mg/l Ba for AA (barium nitrate in nitric acid 0,5 mol/l)			
• Density: ~ 1,01	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  BA00100100 500 ml  BA00100500
Store between 15°C and 25°C Traceable to SRM from NIST			
BI0130 Bismuth, standard solution 1000 mg/l Bi for AA (bismuth(III) nitrate in nitric acid 0,5 mol/l)			
• Density: ~ 1,02	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  BI01300100 500 ml  BI01300500
Store between 15°C and 25°C Traceable to SRM from NIST			
BO0013 Boron, standard solution 1000 mg/l B for AA (boric acid in water)			
• Density: ~ 1,00		GHS information: Danger. H360 P281 - P201 - P202 - P308+P313 - P405 - P501a	Packaging Code 100 ml  BO00130100 500 ml  BO00130500
Store between 15°C and 25°C Traceable to SRM from NIST			
CA0041 Cadmium, standard solution 1000 mg/l Cd for AA (cadmium nitrate in nitric acid 0,5 mol/l)			
• Density: ~ 1,01	• UN 3287	GHS information: Warning. H315 - H319 - H412 P280 - P305+P351+P338 - P273 - P321 - P362 - P332+P313 - P501a	Packaging Code 100 ml  CA00410100 500 ml  CA00410500
Traceable to SRM from NIST			

CA0176 Calcium, standard solution 1000 mg/l Ca for AA (calcium nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,01

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml CA01760100

500 ml CA01760500

CR0222 Chromium, standard solution 1000 mg/l Cr for AA (chromium(III) nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,01

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml CR02220100

500 ml CR02220500

CO0012 Cobalt, standard solution 1000 mg/l Co for AA (cobalt nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,01

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml CO00120100

500 ml CO00120500

CO0085 Copper, standard solution 1000 mg/l Cu for AA (copper(II) nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,01

• UN 3264

GHS information: Warning.

H315 - H319 - H412

P270 - P273 - P305+P351+P338 - P321 - P362 - P501a

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml CO00850100

500 ml CO00850500

OR0057 Gold, standard solution 1000 mg/l Au for AA (Gold(III) trichloride acid in hydrochloric acid 2 mol/l)

• Density: ~ 1,01

Packaging Code

100 ml OR00570100

Store between 15°C and 25°C

Traceable to SRM from NIST

500 ml OR00570500

HI0302 Iron, standard solution 1000 mg/l Fe for AA (iron(III) nitrate nonahydrate in nitric acid 0,5 mol/l)

• Density: ~ 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml HI03020100

500 ml HI03020500

PL0105 Lead, standard solution 1000 mg/l Pb for AA (lead(II) nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml PL01050100

500 ml PL01050500

LI0060 Lithium, standard solution 1000 mg/l Li for AA (lithium nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml LI00600100

500 ml LI00600500

Stand

MA0011 Magnesium, standard solution 1000 mg/l Mg for AA (magnesium nitrate in nitric acid 0,5 mol/l)			
• Density: ~ 1,02	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  MA00110100 500 ml  MA00110500
Store between 15°C and 25°C Traceable to SRM from NIST			
MA0111 Manganese, standard solution 1000 mg/l Mn for AA (manganese nitrate in nitric acid 0,5 mol/l)			
• Density: ~ 1,01	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  MA01110100 500 ml  MA01110500
Store between 15°C and 25°C Traceable to SRM from NIST			
ME0111 Mercury, standard solution 1000 mg/l Hg for AA (mercury(II) nitrate monohydrate in nitric acid 2 mol/l)			  
• Density: ~ 1,05	• UN 2922	GHS information: Danger. H302 - H330 - H314 - H373 - H412 P203+P361+P353 - P305+P351+P338 - P310 - P320 - P405 - P501a	Packaging Code 100 ml  ME01110100 500 ml  ME01110500
Store between 15°C and 25°C Traceable to SRM from NIST			
MO0021 Molybdenum, standard solution 1000 mg/l Mo for AA (ammonium heptamolybdate in water)			
• Density: ~ 1,0			Packaging Code 100 ml  MO00210100 500 ml  MO00210500
Store between 15°C and 25°C Traceable to SRM from NIST			
NI0121 Nickel, standard solution 1000 mg/l Ni for AA (nickel(II) nitrate in nitric acid 0,5 mol/l)			
• Density: ~ 1,01	• UN 3264	GHS information: Warning. H315 - H319 - H412 P270 - P273 - P305+P351+P338 - P321 - P362 - P501a	Packaging Code 100 ml  NI01210100 500 ml  NI01210500
Store between 15°C and 25°C Traceable to SRM from NIST			
PO0105 Potassium, standard solution 1000 mg/l K for AA (potassium nitrate in nitric acid 0,5 mol/l)			
• Density: ~ 1,01	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  PO01050100 500 ml  PO01050500
Store between 15°C and 25°C Traceable to SRM from NIST			
SE0011 Selenium, standard solution 1000 mg/l Se for AA (selenium dioxide in nitric acid 0,5 mol/l)			
• Density: 1,01	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  SE00110100 500 ml  SE00110500
Store between 15°C and 25°C Traceable to SRM from NIST			
SI0012 Silicon, standard solution 1000 mg/l Si for AA (ammonium hexafluorosilicate in water)			
• Density: ~ 1,00			Packaging Code 100 ml  SI00120100 500 ml  SI00120500
Store between 15°C and 25°C Traceable to SRM from NIST			

PL0005 Silver, standard solution 1000 mg/l Ag for AA (silver nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,01

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml PL00050100

500 ml PL00050500

SO0005 Sodium, standard solution 1000 mg/l Na for AA (sodium nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,01

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml SO00050100

500 ml SO00050500

ES0177 Strontium, standard solution 1000 mg/l Sr for AA (strontium nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml ES01770100

500 ml ES01770500

ES0061 Tin, standard solution 1000 mg/l Sn for AA (tin(IV) chloride in hydrochloric acid 5 mol/l)

• Density: 1,08

• UN 1789

GHS information: Warning.

H315 - H319 - H335

P280 - P305+P351+P338 - P321 - P405 - P501a

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml ES00610100

500 ml ES00610500

TI0360 Titanium, standard solution 1000 mg/l Ti for AA (titanium(IV) chloride in hydrochloric acid 5 mol/l)

• Density: ~ 1,01

• UN 3264

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml TI03600100

500 ml TI03600500

TU0011 Tungsten, standard solution 1000 mg/l W for AA (ammonium tungstate in water)

• Density: ~ 1,00

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml TU00110100

500 ml TU00110500

VA0071 Vanadium, standard solution 1000 mg/l V for AA (ammonium monovanadate in nitric acid 0,5 mol/l)

• Density: 1,01

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml VA00710100

500 ml VA00710500

CI0126 Zinc, standard solution 1000 mg/l Zn for AA (zinc nitrate in nitric acid 0,5 mol/l)

• Density: ~ 1,02

• UN 3264

GHS information: Warning.

H315 - H319 - H412

P270 - P273 - P305+P351+P338 - P321 - P362 - P501a

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml CI01260100

500 ml CI01260500

Standards, ICP single element

AL0753 Aluminium, standard solution 1000 mg/l Al for ICP (aluminium in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  AL07530100
Store between 15°C and 25°C Traceable to SRM from NIST			
AN0444 Antimony, standard solution 1000 mg/l Sb for ICP (antimony in hydrochloric acid 10%)			
• Density: 1,05	• UN 3264	GHS information: Warning. H315 - H319 - H335 P261 - P280 - P305+P351+P338 - P321 - P405 - P501a	Packaging Code 100 ml  AN04440100
Store between 15°C and 25°C Traceable to SRM from NIST			
AR0155 Arsenic, standard solution 1000 mg/l As for ICP (arsenic in nitric acid 2%)			 
• Density: 1,01	• UN 2922	GHS information: Danger. H315 - H319 - H335 P280 - P281 - P305+P351+P338 - P321 - P405 - P501a	Packaging Code 100 ml  AR01550100
Store between 15°C and 25°C Traceable to SRM from NIST			
BA0015 Barium, standard solution 1000 mg/l Ba for ICP (barium carbonate in nitric acid 2%)			
• Density: 1,02	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  BA00150100
Store between 15°C and 25°C Traceable to SRM from NIST			
BE0345 Beryllium, standard solution 1000 mg/l Be for ICP (beryllium oxide in hydrochloric acid 2%)			 
• Density: 1,02	• UN 3287	GHS information: Danger. H332 - H350 P261 - P281 - P304+P340 - P312 - P405 - P501a	Packaging Code 100 ml  BE03450100
Store between 15°C and 25°C Traceable to SRM from NIST			
BI0135 Bismuth, standard solution 1000 mg/l Bi for ICP (bismuth in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  BI01350100
Store between 15°C and 25°C Traceable to SRM from NIST			
BO0017 Boron, standard solution 1000 mg/l B for ICP (boric acid in water)			
• Density: 1,00		GHS information: Danger. H360 P281 - P201 - P202 - P308+P313 - P405 - P501a	Packaging Code 100 ml  BO00170100
Store between 15°C and 25°C Traceable to SRM from NIST			
CA0044 Cadmium, standard solution 1000 mg/l Cd for ICP (cadmium in nitric acid 2%)			
• Density: 1,03	• UN 3287	GHS information: Warning. H315 - H319 - H412 P280 - P305+P351+P338 - P273 - P321 - P362 - P332+P313 - P501a	Packaging Code 100 ml  CA00440100
Store between 15°C and 25°C Traceable to SRM from NIST			

CA0179 Calcium, standard solution 1000 mg/l Ca for ICP (calcium carbonate in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code100 ml  CA01790100**CE0037 Cerium, standard solution 1000 mg/l Ce for ICP** (cerium(IV) oxide in nitric acid 5%)

• Density: 1,03

• UN 3264

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code100 ml  CE00370100**CE0107 Cesium, standard solution 1000 mg/l Cs for ICP** (cesium chloride in water)

• Density: 1,00

Packaging Code100 ml  CE01070100

Store between 15°C and 25°C

Traceable to SRM from NIST

CR0226 Chromium, standard solution 1000 mg/l Cr for ICP (chromium(III) nitrate nonahydrate in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code100 ml  CR02260100**CO0013 Cobalt, standard solution 1000 mg/l Co for ICP** (cobalt in nitric acid 2%)

• Density: 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code100 ml  CO00130100**CO0080 Copper, standard solution 1000 mg/l Cu for ICP** (copper in nitric acid 2%)

• Density: 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code100 ml  CO00800100**DI1300 Dysprosium, standard solution 1000 mg/l Dy for ICP** (dysprosium oxide in nitric acid 2%)

• Density: 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code100 ml  DI13000100**ER0030 Erbium, standard solution 1000 mg/l Er for ICP** (erbium oxide in nitric acid 2%)

• Density: 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code100 ml  ER00300100

Stand

EU0051 Europium, standard solution 1000 mg/l Eu for ICP (europium(III) oxide in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  EU00510100
Store between 15°C and 25°C Traceable to SRM from NIST			
GA0010 Gadolinium, standard solution 1000 mg/l Gd for ICP (gadolinium oxide in nitric acid 2%)			
• Density: 1,02	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  GA00100100
Store between 15°C and 25°C Traceable to SRM from NIST			
GA0035 Gallium, standard solution 1000 mg/l Ga for ICP (gallium in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  GA00350100
Store between 15°C and 25°C Traceable to SRM from NIST			
GE0071 Germanium, standard solution 1000 mg/l Ge for ICP (germanium in nitric acid 5% + hydrofluoric acid 1%)			 
• Density: 1,03	• UN 2922	GHS information: Danger. H301 - H311 - H330 - H314 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a	Packaging Code 100 ml  GE00710100
Store between 15°C and 25°C Traceable to SRM from NIST			
OR0062 Gold, standard solution 1000 mg/l Au for ICP (gold in hydrochloric acid 5%)			
• Density: 1,10			Packaging Code 100 ml  OR00620100
Store between 15°C and 25°C Traceable to SRM from NIST			
HA0010 Hafnium, standard solution 1000 mg/l Hf for ICP (hafnium in nitric acid 5% + hydrofluoric acid 1%)			 
• Density: 1,03	• UN 2922	GHS information: Danger. H301 - H311 - H330 - H314 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a	Packaging Code 100 ml  HA00100100
Store between 15°C and 25°C Traceable to SRM from NIST			
HO0010 Holmium, standard solution 1000 mg/l Ho for ICP (holmium(III) oxide in nitric acid 2%)			
• Density: 1,02	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  HO00100100
Store between 15°C and 25°C Traceable to SRM from NIST			
IN0087 Indium, standard solution 1000 mg/l In for ICP (indium in nitric acid 2%)			
• Density: 1,00	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  IN00870100
Store between 15°C and 25°C Traceable to SRM from NIST			

IR0010 Iridium, standard solution 1000 mg/l Ir for ICP (ammonium hexachloroiridate(IV) in hydrochloric acid 5%)

• Density: 1,10

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  IR00100100**HI0290 Iron, standard solution 1000 mg/l Fe for ICP** (iron in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  HI02900100**LA0080 Lanthanum, standard solution 1000 mg/l La for ICP** (lanthanum oxide in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  LA00800100**PL0107 Lead, standard solution 1000 mg/l Pb for ICP** (lead in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  PL01070100**LI0063 Lithium, standard solution 1000 mg/l Li for ICP** (lithium carbonate in nitric acid 2%)

• Density: 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  LI00630100**LU0015 Lutetium, standard solution 1000 mg/l Lu for ICP** (lutetium oxide in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  LU00150100**MA0015 Magnesium, standard solution 1000 mg/l Mg for ICP** (magnesium in nitric acid 2%)

• Density: 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  MA00150100**MA0115 Manganese, standard solution 1000 mg/l Mn for ICP** (manganese in nitric acid 2%)

• Density: 1,02

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 -

P337+P313

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  MA01150100

Stand

ME0115 Mercury, standard solution 1000 mg/l Hg for ICP (mercury in nitric acid 5%)			  
• Density: 1,03	• UN 2922	GHS information: Danger. H302 - H312 - H332 - H314 - H373 P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	Packaging Code 100 ml  ME01150100
Store between 15°C and 25°C Traceable to SRM from NIST			
MO0023 Molybdenum, standard solution 1000 mg/l Mo for ICP (molybdenum in ammonia 2%)			
• Density: 1,00		GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  MO00230100
Store between 15°C and 25°C Traceable to SRM from NIST			
NE0063 Neodymium, standard solution 1000 mg/l Nd for ICP (neodymium oxide in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  NE00630100
Store between 15°C and 25°C Traceable to SRM from NIST			
NI0125 Nickel, standard solution 1000 mg/l Ni for ICP (nickel in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 - H412 P270 - P273 - P305+P351+P338 - P321 - P362 - P501a	Packaging Code 100 ml  NI01250100
Store between 15°C and 25°C Traceable to SRM from NIST			
NI0070 Niobium, standard solution 1000 mg/l Nb for ICP (niobium in nitric acid 5% + hydrofluoric acid 1%)			 
• Density: 1,03	• UN 2922	GHS information: Danger. H301 - H311 - H330 - H314 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a	Packaging Code 100 ml  NI00700100
Store between 15°C and 25°C Traceable to SRM from NIST			
OS0055 Osmium, standard solution 1000 mg/l Os for ICP (ammonium hexachloroosmate(IV) in hydrochloric acid 5%)			
• Density: 1,10			Packaging Code 100 ml  OS00550100
Store between 15°C and 25°C Traceable to SRM from NIST			
PA0065 Palladium, standard solution 1000 mg/l Pd for ICP (palladium in hydrochloric acid 5%)			
• Density: 1,10			Packaging Code 100 ml  PA00650100
Store between 15°C and 25°C Traceable to SRM from NIST			
FO0035 Phosphorus, standard solution 1000 mg/l P for ICP (ammonium dihydrogen phosphate in sulfuric acid 0,05%)			
• Density: 1,03			Packaging Code 100 ml  FO00350100
Store between 15°C and 25°C Traceable to SRM from NIST			

PT0005 Platinum, standard solution 1000 mg/l Pt for ICP (platinum in hydrochloric acid 5%)

• Density: 1,03

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  PT00050100**PO0108 Potassium, standard solution 1000 mg/l K for ICP** (potassium nitrate in water)

• Density: 1,00

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  PO01080100**PR0010 Praseodymium, standard solution 1000 mg/l Pr for ICP** (praseodymium oxide in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  PR00100100**RE0077 Rhenium, standard solution 1000 mg/l Re for ICP** (ammonium perrhenate(VII) in water)

• Density: 1,00

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  RE00770100**RO0022 Rhodium, standard solution 1000 mg/l Rh for ICP** (ammonium hexachlororhodate in hydrochloric acid 5%)

• Density: 1,10

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  RO00220100**RU0020 Rubidium, standard solution 1000 mg/l Rb for ICP** (rubidium chloride in water)

• Density: 1,00

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  RU00200100**RU0062 Ruthenium, standard solution 1000 mg/l Ru for ICP** (ammonium hexachlororuthenate in hydrochloric acid 5%)

• Density: 1,10

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  RU00620100**SA0210 Samarium, standard solution 1000 mg/l Sm for ICP** (samarium oxide in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C
Traceable to SRM from NIST**Packaging Code**
100 ml  SA02100100

Stand

ES0020 Scandium, standard solution 1000 mg/l Sc for ICP (scandium oxide in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging 100 ml 
Store between 15°C and 25°C Traceable to SRM from NIST			Code ES00200100
SE0015 Selenium, standard solution 1000 mg/l Se for ICP (selenium in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging 100 ml 
Store between 15°C and 25°C Traceable to SRM from NIST			Code SE00150100
SI0015 Silicon, standard solution 1000 mg/l Si for ICP (sodium metasilicate in water)			
• Density: 1,00			Packaging 100 ml 
Store between 15°C and 25°C Traceable to SRM from NIST			Code SI00150100
PL0007 Silver, standard solution 1000 mg/l Ag for ICP (silver in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging 100 ml 
Store between 15°C and 25°C Traceable to SRM from NIST			Code PL00070100
SO0008 Sodium, standard solution 1000 mg/l Na for ICP (sodium nitrate in water)			
• Density: 1,00			Packaging 100 ml 
Store between 15°C and 25°C Traceable to SRM from NIST			Code SO00080100
ES0179 Strontium, standard solution 1000 mg/l Sr for ICP (strontium carbonate in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging 100 ml 
Store between 15°C and 25°C Traceable to SRM from NIST			Code ES01790100
AZ0039 Sulfur, standard solution 1000 mg/l S for ICP (ammonium sulfate in water)			
• Density: 1,00			Packaging 100 ml 
Store between 15°C and 25°C Traceable to SRM from NIST			Code AZ00390100
TA0200 Tantalum, standard solution 1000 mg/l Ta for ICP (tantalum in nitric acid 5% + hydrofluoric acid 1%)			 
• Density: 1,03	• UN 2922	GHS information: Danger. H301 - H311 - H330 - H314 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a	Packaging 100 ml 
Store between 15°C and 25°C Traceable to SRM from NIST			Code TA02000100

TE0022 Tellurium, standard solution 1000 mg/l Te for ICP (tellurium in hydrochloric acid 20%)

• UN 3264

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml TE00220100

TE0005 Terbium, standard solution 1000 mg/l Tb for ICP (terbium oxide in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml TE00050100

TA0030 Thallium, standard solution 1000 mg/l Tl for ICP (thallium(I) nitrate in nitric acid 2%)

• Density: 1,01

• UN 3264

GHS information: Warning.

H302 - H332 - H315 - H319

P261 - P280 - P305+P351+P338 - P321 - P362 - P501a

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml TA00300100

TU0006 Thulium, standard solution 1000 mg/l Tm for ICP (thulium oxide in nitric acid 2%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml TU00060100

ES0059 Tin, standard solution 1000 mg/l Sn for ICP (tin in hydrochloric acid 10%)

• Density: 1,03

• UN 3264

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml ES00590100

TI0364 Titanium, standard solution 1000 mg/l Ti for ICP (titanium in nitric acid 5% + hydrofluoric acid 1%)

• Density: 1,03

• UN 2922

GHS information: Danger.

H301 - H311 - H330 - H314

P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml TI03640100

TU0015 Tungsten, standard solution 1000 mg/l W for ICP (tungsten in ammonia 2%)

• Density: 1,00

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml TU00150100

VA0075 Vanadium, standard solution 1000 mg/l V for ICP (ammonium monovanadate in nitric acid 2%)

• Density: 1,01

• UN 3264

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging Code

100 ml VA00750100

Stand

IT0003 Ytterbium, standard solution 1000 mg/l Yb for ICP (ytterbium oxide in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  IT00030100
Store between 15°C and 25°C Traceable to SRM from NIST			
IT0010 Yttrium, standard solution 1000 mg/l Y for ICP (yttrium oxide in nitric acid 2%)			
• Density: 1,03	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  IT00100100
Store between 15°C and 25°C Traceable to SRM from NIST			
CI0128 Zinc, standard solution 1000 mg/l Zn for ICP (zinc in nitric acid 2%)			
• Density: 1,02	• UN 2922	GHS information: Warning. H315 - H319 - H412 P270 - P273 - P305+P351+P338 - P321 - P362 - P501a	Packaging Code 100 ml  CI01280100
Store between 15°C and 25°C Traceable to SRM from NIST			
CI0255 Zirconium, standard solution 1000 mg/l Zr for ICP (zirconium in nitric acid 5% + hydrofluoric acid 1%)			 
• Density: 1,03	• UN 2922	GHS information: Danger. H301 - H311 - H330 - H314 P301+P310 - P303+P361+P353 - P305+P351+P338 - P310 - P320 - P361 - P405 - P501a	Packaging Code 100 ml  CI02550100
Store between 15°C and 25°C Traceable to SRM from NIST			
Standards, ICP multielement			
MU0101 ICP multielement calibration standard solution I, 3 elements in hydrochloric acid 2%			
• Density: 1,02			Packaging Code 100 ml  MU01010100
Store between 15°C and 25°C Traceable to SRM from NIST			
MU0102 ICP multielement calibration standard solution II, 4 elements in nitric acid 2%			
• Density: 1,02	• UN 3264	GHS information: Warning. H315 - H319 P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313	Packaging Code 100 ml  MU01020100
Store between 15°C and 25°C Traceable to SRM from NIST			
MU0103 ICP multielement calibration standard solution III, 4 elements in hydrochloric acid 1%			
• Density: 1,02			Packaging Code 100 ml  MU01030100
Store between 15°C and 25°C Traceable to SRM from NIST			
MU0104 ICP multielement calibration standard solution IV, 7 elements in nitric acid 5%			
• Density: 1,03	• UN 3264	GHS information: Danger. H314 P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	Packaging Code 100 ml  MU01040100
Store between 15°C and 25°C Traceable to SRM from NIST			

MU0105 ICP multielement calibration standard solution V, 12 elements in aqua regia 5%

• UN 3264

GHS information: Danger.

Packaging CodeStore between 15°C and 25°C
Traceable to SRM from NISTH314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

100 ml MU01050100

MU0106 ICP multielement calibration standard solution VI, 16 elements in nitric acid 10%

• UN 3264

GHS information: Danger.

Packaging CodeStore between 15°C and 25°C
Traceable to SRM from NISTH314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

100 ml MU01060100

MU0107 ICP multielement calibration standard solution VII, 7 elements in hydrochloric acid 20%

• UN 3264

GHS information: Warning.

Packaging CodeStore between 15°C and 25°C
Traceable to SRM from NISTH315 - H319 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

100 ml MU01070100

MU0108 ICP multielement calibration standard solution VIII, 16 elements in nitric acid 5%

• Density: 1,03

• UN 3264

GHS information: Danger.

Packaging CodeStore between 15°C and 25°C
Traceable to SRM from NISTH314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

100 ml MU01080100

MU0109 ICP multielement calibration standard solution IX, 9 elements in nitric acid 5%

• Density: 1,03

• UN 3264

GHS information: Danger.

Packaging CodeStore between 15°C and 25°C
Traceable to SRM from NISTH314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

100 ml MU01090100

MU0110 ICP multielement calibration standard solution X, 26 elements in nitric acid 5%

• Density: 1,03

• UN 3264

GHS information: Danger.

Packaging CodeStore between 15°C and 25°C
Traceable to SRM from NISTH314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

100 ml MU01100100

Standards, IC

AM0235 Ammonium, standard solution 1000 mg/l NH₄⁺ (ammonium chloride in water)

• Density: 0,99

GHS information: EUH210

Packaging CodeStore between 15°C and 25°C
Traceable to SRM from NIST

500 ml AM02350500

BR0130 Bromide, standard solution 1000 mg/l Br⁻ (sodium bromide in water)

• Density: 1,00

GHS information: EUH210

Packaging Code

Traceable to SRM from NIST

500 ml BR01300500

Stand

CL0228 Chloride, standard solution 1000 mg/l Cl⁻ (sodium chloride in water)		
• Density: 1,00	GHS information: EUH210	Packaging Code 500 ml  CL02280500
Traceable to SRM from NIST		

CR0185 Chromate, standard solution 1000 mg/l CrO₄²⁻ (potassium chromate in water)		
• Density: 1,00	GHS information: Danger. H340 - H350i P281 - P201 - P202 - P308+P313 - P405 - P501a	Packaging Code 500 ml  CR01850500
Traceable to SRM from NIST		

CI0020 Cyanide, standard solution 1000 mg/l CN⁻ (potassium cyanide in water)		
• Density: 1,00	GHS information: Warning. H312 - H412 - EUH032 P280 - P273 - P322 - P312 - P363 - P501a	Packaging Code 500 ml  CI00200500
Traceable to SRM from NIST		

FL0140 Fluoride, standard solution 1000 mg/l F⁻ (sodium fluoride in water)		
• Density: 1,00	GHS information: EUH210	Packaging Code 500 ml  FL01400500
Traceable to SRM from NIST		

NI0191 Nitrate, standard solution 1000 mg/l NO₃⁻ (sodium nitrate in water)		
• Density: 1,00	GHS information: EUH210	Packaging Code 500 ml  NI01910500
Traceable to SRM from NIST		

NI0200 Nitrite, standard solution 1000 mg/l NO₂⁻ (sodium nitrite in water)		
• Density: 1,02	GHS information: EUH210	Packaging Code 500 ml  NI02000500
Traceable to SRM from NIST		

FO0111 Phosphate, standard solution 1000 mg/l PO₄³⁻ (potassium dihydrogen phosphate in water)		
• Density: 1,00	GHS information: EUH210	Packaging Code 500 ml  FO01110500
Traceable to SRM from NIST		

SU0101 Sulfate, standard solution 1000 mg/l SO₄²⁻ (sodium sulfate in water)		
• Density: 1,00	GHS information: EUH210	Packaging Code 500 ml  SU01010500
Traceable to SRM from NIST		

Standards, Ions

CL0227 Chloride, standard solution 1000 mg/l Cl⁻ (potassium chloride in water)		
• Density: 1,00		Packaging Code 500 ml  CL02270500
Store between 15°C and 25°C		
Traceable to SRM from NIST		

NI0190 Nitrate, standard solution 1000 mg/l NO₃⁻ (ammonium nitrate in water)

• Density: 1,00

Packaging Code
500 ml  NI01900500

Store between 15°C and 25°C
Traceable to SRM from NIST

FO0110 Phosphate, standard solution 1000 mg/l PO₄³⁻ (ammonium dihydrogen phosphate in water)

• Density: 1,00

Packaging Code
500 ml  FO01100500

Store between 15°C and 25°C
Traceable to SRM from NIST

SU0100 Sulfate, standard solution 1000 mg/l SO₄²⁻ (ammonium sulfate in water)

• Density: 1,00

Packaging Code
500 ml  SU01000500

Store between 15°C and 25°C
Traceable to SRM from NIST

Standards, Conductivity

PA0103 Conductivity standard, 50000 µS/cm (25 °C), KCl aqueous solution

• CAS [7447-40-7] • Density: 1,02

GHS information: EUH210

Packaging Code
250 ml  PA01030250

Store between 15°C and 25°C
Traceable to SRM from NIST

PA0102 Conductivity standard, 12880 µS/cm (25 °C), KCl 0,1 mol/l

• CAS [7447-40-7] • Density: 1,00

Packaging Code
250 ml  PA01020250
500 ml  PA01020500

Store between 15°C and 25°C
Traceable to SRM from NIST

PA0101 Conductivity standard, 1413 µS/cm (25 °C), KCl 0,01 mol/l

• CAS [7447-40-7]

Packaging Code
250 ml  PA01010250
500 ml  PA01010500

Store between 15°C and 25°C

PA0100 Conductivity standard, 147 µS/cm (25 °C), KCl 0,001 mol/l

• CAS [7447-40-7]

Packaging Code
250 ml  PA01000250
500 ml  PA01000500

Store between 15°C and 25°C

AL0715 Starch, soluble, synthesis grade

Amylum, Potato starch



• CAS [9005-84-9]

powder, white or almost white

Packaging Code
500 g  AL07150500
1 kg  AL07151000

Starc

AL0719 Starch, solution 2 %

(C₆H₁₀O₅)_n

• CAS [9005-84-9]

GHS information: EUH210

Packaging

Code

500 ml 

AL07190500

AL0718 Starch, solution 1% w/v

Amylum solution, Potato starch solution

(C₆H₁₀O₅)_n

• CAS [9005-84-9]

GHS information: EUH210

Packaging

Code

100 ml 

AL0718G100

250 ml 

AL07180250

AC0925 Stearic acid 70, synthesis grade

Octadecanoic acid

C₁₈H₃₆O₂

• M = 284,47 g/mol

• CAS [57-11-4]

• Melting point: 67 °C

• Boiling point: (19,95 hPa) 232 °C

GHS information: EUH210

Packaging

Code

500 g 

AC09250500

1 kg 

AC09251000

crystals, white or almost white

Store between 15°C and 25°C

total content (palmitic + stearic acid, G.C., as methyl ester)..... min. 90 %

AC0926 Stearic acid 70, extra pure

Octadecanoic acid

C₁₈H₃₆O₂

• M = 284,47 g/mol

• CAS [57-11-4]

• Melting point: 67 °C

• Boiling point: (19,95 hPa) 232 °C

GHS information: EUH210

Packaging

Code

500 g 

AC09260500

1 kg 

AC09261000

crystals, white or almost white

Store between 15°C and 25°C

total content (palmitic + stearic acid, G.C., as methyl ester)..... min. 90 %
palmitic acid (G.C.) max. 30 %
stearic acid (G.C.) min. 70 %

AL0235 Stearyl alcohol, synthesis grade

1-Octadecanol, Octadecyl alcohol

C₁₈H₃₈O

• M = 270,50 g/mol

• CAS [112-92-5]

• Melting point: 55 - 57,5 °C

• Boiling point: (20 hPa) 210 °C

GHS information: EUH210

Packaging

Code

1 kg 

AL02351000

Store between 15°C and 25°C

assay (G.C.)..... min. 95 %

AL0236 Stearyl alcohol, extra pure

1-Octadecanol, Octadecyl alcohol

C₁₈H₃₈O

• M = 270,50 g/mol

• CAS [112-92-5]

• Melting point: 55 - 57,5 °C

• Boiling point: (20 hPa) 210 °C

GHS information: EUH210

Packaging

Code

1 kg 

AL02361000

Store between 15°C and 25°C

assay (G.C.)..... min. 95 %
iodine value..... max. 2,0
saponification value..... max. 2,0

ES0180 Strontium nitrate anhydrous, extra pure

Nitric acid strontium salt

Sr(NO₃)₂

• M = 211,63 g/mol

• CAS [10042-76-9]

• Melting point: 570 °C

• UN 1507

GHS information: Danger.
H272
P221 - P210 - P220 - P280 - P370+P378a - P501a

Packaging

Code

500 g 

ES01800500

1 kg 

ES01801000

crystals, white

Store between 15°C and 25°C

assay (complexometric)..... min. 98 %

ES0140 Styrene, stabilized, synthesis grade



Phenylethylene, Vinylbenzene



- M = 104,15 g/mol
- CAS [100-42-5]
- Density: 0,906

- Melting point: -31 °C
- Boiling point: 145 °C
- UN 2055

GHS information: Warning.
H226 - H332 - H315 - H319
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P321 - P501a

Packaging Code
100 ml ES01400100
1 l ES01401000
2,5 l ES01402500

Store below 15°C

assay (G.C.) min. 99 %

AC2040 Succinic acid, extra pure, NF



Butanedioic acid



- M = 118,09 g/mol
- CAS [110-15-6]

- Melting point: 183 - 187 °C
- Boiling point: ~ 235 °C

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code
500 g AC20400500
1 kg AC20401000

powder, white

assay (acidimetric)..... 99 - 100,5 %

Store between 5°C and 30°C

AC2042 Succinic acid, reagent grade, ACS, Reag. Ph Eur



Butanedioic acid



- M = 118,09 g/mol
- CAS [110-15-6]

- Melting point: 183 - 187 °C
- Boiling point: ~ 235 °C

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code
100 g AC20420100
250 g AC20420250

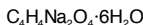
powder, white

assay (acidimetric)..... min. 99 %

Store between 5°C and 30°C

SO0645 Succinic acid, disodium salt hexahydrate, reagent grade

di-Sodium succinate hexahydrate



- M = 270,15 g/mol

- CAS [6106-21-4]

assay (titr. with HClO₄, ref. to anhydrous substance)..... min. 99 %

Store between 15°C and 25°C

Packaging Code
500 g SO06450500
1 kg SO06451000

AN0320 Succinic anhydride, synthesis grade



2,5-Dioxotetrahydrofuran



- M = 100,07 g/mol
- CAS [108-30-5]

- Melting point: 119 °C
- Boiling point: 261 °C

GHS information: Warning.
H319 - H335
P261 - P280 - P305+P351+P338 - P304+P340 - P405 -
P501a

Packaging Code
1 kg AN03201000
5 kg AN0320005P

assay (morpholine method)..... min. 99 %

Sucrose. See D(+)-Saccharose page 255

NE0050 Sudan Black B, C.I. 26150, for microscopy

2,3-Dihydro-2,2-dimethyl-6-[[4-(phenylazo)-1-naphthalenyl]azo]-1H-perimidine, SBB



- M = 456,55 g/mol
- CAS [4197-25-5]

- Melting point: 150 - 154 °C

Packaging Code
25 g NE00500025
100 g NE00500100

Store between 5°C and 30°C

Sudan

SU0040 Sudan III, C.I. 26100, for microscopy

1-(p-phenylazophenylazo)-2-naphthol, Sudan red BK



• M = 352,40 g/mol

• CAS [85-86-9]

floury powder, reddish

Store between 15°C and 25°C

Packaging Code

25 g  SU00400025

100 g  SU00400100

SU0045 Sudan IV, C.I. 26105, for microscopy



1-[2-Methyl-4-(2-methylphenylazo)phenylazo]-2-naphthol, Solvent red 24



• M = 380,45 g/mol

• CAS [85-83-6]

powder, brown-reddish

Store between 15°C and 25°C

GHS information: Warning.

H312 - H332

P261 - P280 - P322 - P304+P340 - P312 - P501a

Packaging Code

25 g  SU00450025

100 g  SU00450100

AC2050 Sulfamic acid, synthesis grade



Amidosulfonic acid, Sulfaminic acid, Sulfamidic acid, Aminosulfonic acid



• M = 97,09 g/mol
• CAS [5329-14-6]

• Melting point: 205 °C
(decomposes)
• UN 2967

GHS information: Warning.

H315 - H319 - H412

P280 - P273 - P305+P351+P338 - P321 - P362 - P501a

Packaging Code

1 kg  AC20501000

humid crystals, colourless or white

Store between 15°C and 25°C

assay (acidimetric)..... min. 99 %

AC2051 Sulfamic acid, extra pure



Amidosulfonic acid, Sulfaminic acid, Sulfamidic acid, Aminosulfonic acid



• M = 97,09 g/mol
• CAS [5329-14-6]

• Melting point: 205 °C
(decomposes)
• UN 2967

GHS information: Warning.

H315 - H319 - H412

P280 - P273 - P305+P351+P338 - P321 - P362 - P501a

Packaging Code

1 kg  AC20511000

humid crystals, colourless or white

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,5 %

SU0060 Sulfanilamide, extra pure, Ph Eur

4-Aminobenzenesulfonamide



• M = 172,21 g/mol
• CAS [63-74-1]

• Melting point: 163 - 167 °C

crystals, bright white or almost white

Store between 15°C and 25°C

assay (bromometric, referred to anhydrous substance)
residual solvents (Ph Eur/ICH).....

99 - 101 %
excluded by
production process

Packaging Code

100 g  SU00600100

1 kg  SU00601000

AC2060 Sulfanilic acid, reagent grade, ACS



4-Aminobenzenesulfonic acid, Aniline-4-sulfonic acid, p-Anilinesulfonic acid



• M = 173,19 g/mol
• CAS [121-57-3]

• Melting point: 288 °C
(decomposes)

GHS information: Warning.

H315 - H319 - H317

P261 - P280 - P305+P351+P338 - P321 - P362 - P501a

Packaging Code

100 g  AC20600100

250 g  AC20600250

1 kg  AC20601000

crystals, white or almost white

Store between 15°C and 25°C

assay (acidimetric)..... 98 - 102 %

AC2093 5-Sulfosalicylic acid dihydrate, reagent grade, ACS*3-Carboxy-4-hydrobenzenesulfonic acid, 2-Hydroxy-5-sulfobenzoic acid, Salicysulfonic*

- M = 254,22 g/mol
- CAS [5965-83-3]

- Melting point: 120 °C
- UN 3261

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

250 g AC20930250

1 kg AC20931000

assay (acidimetric) 99 - 101 %

AZ0040 Sulfur flower, synthesis grade, washed**S**

- M = 32,06 g/mol
- CAS [7704-34-9]
- Melting point: 113 - 119 °C

- Boiling point: 444 °C
- UN 1350

GHS information: Warning.

H228

P210 - P241 - P280 - P240 - P370+P378a

Packaging Code

500 g AZ00400500

1 kg AZ00401000

assay min 99 %

AZ0041 Sulfur flower, extra pure, Ph Eur, BP**S**

- M = 32,06 g/mol
- CAS [7704-34-9]
- Melting point: 113 - 119 °C

- Boiling point: 444 °C
- UN 1350

GHS information: Warning.

H228

P210 - P241 - P280 - P240 - P370+P378a

Packaging Code

500 g AZ00410500

1 kg AZ00411000

assay 99 - 101 %
residual solvents (Ph Eur/ICH) excluded by
production process**AC2065 Sulfuric acid, 95 - 97%, synthesis grade***Sulphuric acid*

- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,84

- Melting point: ~ -15 °C
- Boiling point: ~ 310 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l AC20651000

5 l AC2065005P

25 l AC2065025P

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric) 95 - 97 %

AC2066 Sulfuric acid, 95 - 98%, extra pure, Ph Eur, BP, NF, packed in UHDPE bottles*Sulphuric acid*

- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,84

- Melting point: ~ -15 °C
- Boiling point: ~ 310 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l AC20661000

2,5 l AC20662500

5 l AC2066005P

25 l AC2066025P

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric) 95 - 98 %
calcination residue max. 0,005 %
residual solvents excluded by
production process**AC2070 Sulfuric acid, 95 - 98%, extra pure, Ph Eur, BP, NF***Sulphuric acid*

- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,84

- Melting point: ~ -15 °C
- Boiling point: ~ 310 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l AC20701000

2,5 l AC20702500

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric) 95 - 98 %
calcination residue max. 0,005 %
residual solvents (Ph Eur/ICH) excluded by
production process

Sulfu

AC2067 Sulfuric acid, 95 - 97%, reagent grade, ISO, Reag. Ph Eur, packed in UHDPE bottles



Sulphuric acid



- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,84

- Melting point: ~ -15 °C
- Boiling point: ~ 310 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

- 1 l AC20671000
- 2,5 l AC20672500
- 5 l AC2067005P
- 25 l AC2067025P

Hygroscopic

assay (acidimetric)..... 95 - 97 %

Store between 15°C and 25°C

AC2069 Sulfuric acid, 95 - 97%, reagent grade, ISO



Sulphuric acid



- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,84

- Melting point: ~ -15 °C
- Boiling point: ~ 310 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

- 1 l AC20691000
- 1 l AC20691001
- 2,5 l AC20692500
- 2,5 l AC20692501

Hygroscopic

assay (acidimetric)..... 95 - 97 %

Store between 15°C and 25°C

AC2071 Sulfuric acid, 96% ± 0,1%, reagent grade



Sulphuric acid



- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,84

- Melting point: ~ -15 °C
- Boiling point: ~ 310 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

- 1 l AC20711000
- 2,5 l AC20712500

Hygroscopic

assay (acidimetric)..... 95,9 - 96,1 %

Store between 15°C and 25°C

AC2097 Sulfuric acid, 95 - 98%, reagent grade, ACS, ISO, max. 0,000005% Hg



Sulphuric acid



- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,84

- Melting point: ~ -15 °C
- Boiling point: ~ 310 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

- 1 l AC20971000
- 2,5 l AC20972500

Hygroscopic

assay (acidimetric)..... 95 - 98 %

Store between 15°C and 25°C

AC2077 Sulfuric acid, 95 - 97%, VLSI grade



Sulphuric acid



- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,84

- Melting point: ~ -15 °C
- Boiling point: ~ 310 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

- 1 l AC20771000

Hygroscopic

Store between 15°C and 25°C

AC2091 Sulfuric acid, 94%, ppb-trace analysis grade*Sulphuric acid*

- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,84

- Melting point: ~ -15 °C
- Boiling point: ~ 310 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code1 l  AC20911000

Hygroscopic

assay (acidimetric)..... min. 94 %

Store between 15°C and 25°C

AC2064 Sulfuric acid, solution 90 - 91%, for Gerber fat determination and testing nitrates in milk*Sulphuric acid*

- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,81

- Boiling point: ~ 300 °C
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code1 l  AC206410005 l  AC2064005P25 l  AC2064025P

Hygroscopic

AC2092 Sulfuric acid, solution 62% w/w, according to Röder and Van Gulik, for determination of fat in milk*Sulphuric acid*

- M = 98,08 g/mol
- CAS [7664-93-9]

- Density: 1,52
- UN 1830

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code1 l  AC20921000

Hygroscopic

Store between 15°C and 25°C

AC2079 Sulfuric acid, solution 50% w/v, reagent grade*Sulphuric acid*

- M = 98,08 g/mol
- CAS [7664-93-9]

- Density: 1,28
- UN 2796

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code1 l  AC20791000

Store between 15°C and 25°C

assay (acidimetric)..... min. 50 %
colour (Hazen)..... max. 10**AC2074 Sulfuric acid, solution 1/3 w/v***Sulphuric acid*

- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: ~ 1,2

- Boiling point: ~ 135 °C
- UN 2796

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code500 ml  AC20740500

Store between 15°C and 25°C

AC2078 Sulfuric acid, solution 25% w/w, reagent grade

- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,18

- Boiling point: ~ 103 °C
- UN 2796

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code1 l  AC20781000

Store between 15°C and 25°C

assay (acidimetric)..... min. 25 %

Sulfu

AC2109 Sulfuric acid, solution 16% w/v, reagent grade



Sulphuric acid



- M = 98,08 g/mol
- CAS [7664-93-9]

- Density: 1,10
- UN 2796

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

1 l AC21091000

assay (acidimetric)..... min. 16 %

AC2068 Sulfuric acid, solution 10% w/v, extra pure



Sulphuric acid



- M = 98,08 g/mol
- CAS [7664-93-9]

- Density: 1,06
- UN 2796

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

1 l AC20681000

Store between 15°C and 25°C

AC2089 Sulfuric acid, solution 5 mol/l (10 N)



- M = 98,08 g/mol
- CAS [7664-93-9]

- Density: 1,28
- UN 2796

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l AC20891000

10 l AC20891010C

Store between 15°C and 25°C

Traceable to SRM from NIST

AC2075 Sulfuric acid, solution 4 mol/l (8 N), for COD determination, according to ISO 6060



- M = 98,08 g/mol
- CAS [7664-93-9]

- Density: ~ 1,23
- UN 2796

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l AC20751000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC2086 Sulfuric acid, solution 2,5 mol/l (5 N)



- M = 98,08 g/mol
- CAS [7664-93-9]
- Density: 1,15

- Boiling point: ~ 103 °C
- UN 2796

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l AC20861000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC2085 Sulfuric acid, solution 1 mol/l (2 N)



- M = 98,08 g/mol
- CAS [7664-93-9]

- Density: 1,06
- UN 2796

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

1 l AC20851000

Store between 15°C and 25°C

Traceable to SRM from NIST

AC2080 Sulfuric acid, solution 0,5 mol/l (1 N)



GHS information: EUH210

Packaging Code

- M = 98,08 g/mol
- Density: 1,02
- CAS [7664-93-9]

- 1 l  AC20801000
- 5 l  AC2080005P
- 10 l  AC2080010C

Store between 15°C and 25°C
Traceable to SRM from NIST

AC2081 Sulfuric acid, solution 0,25 mol/l (0,5 N)



GHS information: EUH210

Packaging Code

- M = 98,08 g/mol
- Density: 1,01
- CAS [7664-93-9]

- 1 l  AC20811000

Store between 15°C and 25°C
Traceable to SRM from NIST

AC2084 Sulfuric acid, solution 0,13 mol/l (0,26 N)



GHS information: EUH210

Packaging Code

- M = 98,08 g/mol
- Density: 1,01
- CAS [7664-93-9]

- 1 l  AC20841000
- 5 l  AC2084005P
- 10 l  AC2084010C

Store between 15°C and 25°C
Traceable to SRM from NIST

AC2106 Sulfuric acid, solution 0,1275 mol/l (0,255 N)



GHS information: EUH210

Packaging Code

- M = 98,08 g/mol
- Density: 1,00
- CAS [7664-93-9]

- 1 l  AC21061000
- 5 l  AC2106005P
- 10 l  AC2106010C

Store between 15°C and 25°C
Traceable to SRM from NIST

AC2088 Sulfuric acid, solution 0,125 mol/l (0,25 N)



GHS information: EUH210

Packaging Code

- M = 98,08 g/mol
- Density: 1,01
- CAS [7664-93-9]

- 1 l  AC20881000
- 5 l  AC2088005P
- 10 l  AC2088010C

Store between 15°C and 25°C
Traceable to SRM from NIST

AC2087 Sulfuric acid, solution 0,1 mol/l (0,2 N)



Packaging Code

- M = 98,08 g/mol
- Density: ~ 1,00
- CAS [7664-93-9]

- 1 l  AC20871000

Store between 15°C and 25°C
Traceable to SRM from NIST

AC2082 Sulfuric acid, solution 0,05 mol/l (0,1 N)



Packaging Code

- M = 98,08 g/mol
- Density: ~ 1,00
- CAS [7664-93-9]

- 1 l  AC20821000
- 5 l  AC2082005P
- 10 l  AC2082010C

Store between 15°C and 25°C
Traceable to SRM from NIST

Sulfu

AC2076 Sulfuric acid, solution 0,025 mol/l (0,05 N)



- M = 98,08 g/mol

• CAS [7664-93-9]
- Density: 1,00

Packaging Code
1 l  AC20761000

Store between 15°C and 25°C
Traceable to SRM from NIST

AC2083 Sulfuric acid, solution 0,01 mol/l (0,02 N)



- M = 98,08 g/mol

• CAS [7664-93-9]
- Density: 1,00

Packaging Code
1 l  AC20831000

Store between 15°C and 25°C
Traceable to SRM from NIST

AC2073 Sulfuric acid, concentrated solution to prepare 1 l of solution 0,5 mol/l (1 N)



- M = 98,08 g/mol

• CAS [7664-93-9]

• Density: 1,29
- Boiling point: ~ 135°C

• UN 2796

GHS information: Danger.
H314
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
u.  AC207300PA

Hygroscopic
Store between 15°C and 25°C

AC2072 Sulfuric acid, concentrated solution to prepare 1 l of solution 0,05 mol/l (0,1 N)



- M = 98,08 g/mol

• CAS [7664-93-9]
- Density: 1,06

• UN 2796

GHS information: EUH210

Packaging Code
u.  AC207200PA

Store between 15°C and 25°C

T.A.N. Mixture. See Mixture T.A.N. page 197

T.B.N. Mixtures. See T.B.N. Mixtures page 197

TA0010 TAE 10X buffer pH = 8,3, molecular biology grade

TRIS-Acetate-EDTA

- Density: 1,016

GHS information: EUH210

Packaging Code
1 l  TA00101000
10 l  TA0010010C

Store between 15°C and 25°C

pH 8,2 - 8,4
DNases, RNases, Proteases non detected

AC2090 Tannic acid, synthesis grade

Tannin



- M = 1701,22 g/mol
- CAS [1401-55-4]

Packaging Code
250 g  AC20900250
1 kg  AC20901000

powder, beige-brownish

AC3001 L(+)-Tartaric acid, reagent grade, ACS, ISO*2,3-Dihydroxybutanedioic acid*

- M = 150,09 g/mol
- CAS [87-69-4]

- Melting point: 170 °C

crystals, white

GHS information: Warning.

H319

P280 - P264 - P305+P351+P338 - P337+P313

assay (acidimetric)..... min. 99,5 %

Packaging Code

500 g AC30010500

1 kg AC30011000

5 kg AC3001005P

TA0270 Taurine, extra pure*2-Aminoethanesulfonic acid*

- M = 125,15 g/mol
- CAS [107-35-7]

- Melting point: ~ 300 °C (decomposes)

assay (acidimetric)..... min. 99,5 %

Packaging Code

250 g TA02700250

TB0010 TBE 5X buffer pH = 8,3, molecular biology grade*TRIS-Borate-EDTA*

- Density: 1,03

GHS information: Danger.

H360 - EUH210

P281 - P201 - P202 - P308+P313 - P405 - P501a

Store between 15°C and 25°C

pH 8,2 - 8,4
DNases, RNases non detected**Packaging Code**

1 l TB00101000

10 l TB0010010C

TCA. See Trichloroacetic acid page 331

TE0040 Tellurium dioxide, extra pure*Tellurium(IV) oxide*

- M = 159,60 g/mol
- CAS [7446-07-3]

- Melting point: 733 °C
- Boiling point: 1245 °C

assay (gravimetric)..... min. 99 %

Packaging Code

25 g TE00400025

TE0050 TEMED, reagent grade*N,N,N',N'-Tetramethylethylenediamine, 1,2-Bis(dimethylamino)ethane, TMEDA*

- M = 116,21 g/mol
- CAS [110-18-9]
- Density: 0,78

- Melting point: -55 °C
- Boiling point: 121 °C
- UN 2372

GHS information: Danger.

H225 - H314 - H302 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Store between 15°C and 25°C

assay (G.C.) min. 99 %

Packaging Code

10 ml TE00500010

100 ml TE00500100

BR0200 Tetrabutylammonium bromide, HPLC grade*TBAB, Tetra-n-butylammonium bromide*

- M = 322,38 g/mol
- CAS [1643-19-2]

- Melting point: 100 - 103 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Hygroscopic

Store between 15°C and 25°C

assay (argentometric)..... min. 99 %

maximum absorbance of an aqueous

solution (10 %) in a 1,0 cm cell at

wavelength:

240 nm..... 0,04 AU

250 nm..... 0,03 AU

260 nm..... 0,02 AU

Packaging Code

25 g BR02000025

Tetra

TE0118 Tetrabutylammonium chloride, HPLC grade



$C_{16}H_{36}ClN$

• M = 277,93 g/mol
• CAS [1112-67-0]

• Density: 1
• Melting point: 41 - 44 °C

Hygroscopic

Store between 15°C and 25°C

GHS information: Warning.

H315 - H319

P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313

Packaging Code

10 g TE01180010

assay (argentometric, referred to anhydrous substance) min 99 %
maximum absorbance of an aqueous solution (10%) in a 1,0 cm cell at wavelength:
220 nm absorbance: 0,05 AU
230 nm 0,04 AU
250 nm 0,03 AU
260 nm 0,02 AU

TE0119 Tetrabutylammonium dihydrogen phosphate, extra pure



$C_{16}H_{38}NO_4P$

• M = 339,45 g/mol
• CAS [5574-97-0]

• Melting point: 149 - 151 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

25 g TE01190025

assay min. 99 %

TE0120 Tetrabutylammonium hydrogen sulfate, for ion-pair chromatography



$C_{16}H_{37}NO_4S$

• M = 339,54 g/mol
• CAS [32503-27-8]

• Melting point: 169 - 172 °C

GHS information: Warning.

H302 - H319

P280 - P264 - P305+P351+P338 - P301+P312 - P337+P313 - P501a

Packaging Code

10 g TE01200010

100 g TE01200100

crystals, colourless or white

Hygroscopic

Store between 15°C and 25°C

TE0115 Tetrabutylammonium hydroxide, solution 0,1 mol/l, buffered with phosphates, HPLC grade



$C_{16}H_{37}NO$

• M = 259,48 g/mol
• CAS [2052-49-5]

• Density: (25 °C) 1,005

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

250 ml TE01150250

1 l TE01151000

pH (20 °C) 7,4 - 7,6

TE0116 Tetrabutylammonium hydroxide, solution 0,1 mol/l, in 2-propanol/methanol



$C_{16}H_{37}NO$

• M = 259,48 g/mol
• CAS [2052-49-5]

• Density: 0,79
• UN 1992

GHS information: Danger.

H225 - H332 - H314 - H371

P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

1 l TE01161000

Traceable to SRM from NIST

YO0070 Tetrabutylammonium iodide, extra pure, Reag. Ph Eur



$C_{16}H_{36}IN$

• M = 369,38 g/mol
• CAS [311-28-4]

• Melting point: 143 - 146 °C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

1 kg YO00701000

crystals, colourless, bright white or almost white

Store between 15°C and 25°C

assay (argentometric) min. 99 %

TE0130 Tetrabutylammonium iodide, HPLC grade



• M = 369,38 g/mol
• CAS [311-28-4]

• Melting point: 143 - 146 °C

Store between 15°C and 25°C

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (argentometric).....	min. 99 %
maximum absorbance of a solution in acetonitrile (10%) in a 1,0 cm cell at wavelength:	absorbance:
290 nm.....	0,1 AU
300 nm.....	0,05 AU
320 nm.....	0,02 AU

Packaging Code

10 g TE01300010

TE0125 Tetrachloroethene, extra pure



Perchloroethylene, Tetrachloroethylene, Ethylene tetrachloride



• M = 165,82 g/mol
• CAS [127-18-4]
• Density: 1,62

• Melting point: -22 °C
• Boiling point: 121 °C
• UN 1897

Store between 15°C and 25°C

GHS information: Warning.

H351 - H411

P281 - P273 - P308+P313 - P391 - P405 - P501a

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,01 %

Packaging Code

1 l TE01251000
2,5 l TE01252500
5 l TE0125005P
25 l TE0125025A

TE0127 Tetrachloroethene, Multisolvant® HPLC grade UV-VIS



Perchloroethylene, Tetrachloroethylene, Ethylene tetrachloride



• M = 165,82 g/mol
• CAS [127-18-4]
• Density: 1,62

• Melting point: -22 °C
• Boiling point: 121 °C
• UN 1897

Store between 15°C and 25°C

GHS information: Warning.

H351 - H411

P281 - P273 - P308+P313 - P391 - P405 - P501a

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0003 %
water (K.F.).....	max. 0,01 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
290 nm.....	10 % 1,000 AU
295 nm.....	50 % 0,301 AU
300 nm.....	80 % 0,097 AU
305 nm.....	85 % 0,071 AU
350 nm.....	89 % 0,051 AU

Microfiltered through membranes
of pore diameter 0,22 µm

Packaging Code

1 l TE01271000

Tetrachloroethylene. See Tetrachloroethene page 319

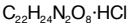
Tetradecanoic acid. See Myristic acid page 199

Tetradecanoic acid isopropyl ester. See Isopropyl myristate page 163

TE0132 Tetracycline hydrochloride, for biochemical purposes



Achromycin hydrochloride



• M = 480,90 g/mol
• CAS [64-75-5]

• Melting point: 223 °C

Store between 15°C and 25°C

GHS information: Warning.

H361 - H302 - H332

P261 - P281 - P301+P312 - P304+P340 - P405 - P501a

Packaging Code

10 g TE01320010
50 g TE01320050

Tetra

AL0360 1-Tetradecanol, synthesis grade

Myristyl alcohol, Tetradecyl alcohol



- M = 214,39 g/mol
- CAS [112-72-1]
- Melting point: 37 - 39 °C
- Boiling point: (20 hPa) 167 °C

assay (G.C.) min. 95 %

Store between 15°C and 25°C

Packaging Code

250 g AL03600250

1 kg AL03601000

BR0201 Tetradecyltrimethylammonium bromide, HPLC grade



Myristyltrimethylammonium bromide, N,N,N-Trimethyl-1-tetradecan ammonium bromide



- M = 316,08 g/mol
- CAS [1119-97-7]
- Melting point: 245 - 250 °C
- UN 1759

GHS information: Danger.

H314

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

250 g BR02010025

Hygroscopic

assay (argentometric) min. 96 %

maximum absorbance of an aqueous solution (10%) in a 1,0 cm cell at

wavelength:

240 nm..... 0,04 AU

250 nm..... 0,03 AU

260 nm..... 0,02 AU

TE0219 Tetrahydrofuran, synthesis grade, stabilized with 2,6-Di-tert-butyl-4-methylphenol (BHT)



THF, Tetramethylene oxide, Oxolane



- M = 72,11 g/mol
- CAS [109-99-9]
- Density: 0,89
- Melting point: -108,5 °C
- Boiling point: 65 - 66 °C
- UN 2056

GHS information: Danger.

H225 - H319 - H335 - EUH019

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

Packaging Code

1 l TE02191000

2,5 l TE02192500

5 l TE0219005P

5 l TE0219005M

25 l TE0219025L

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

TE0220 Tetrahydrofuran, extra pure, stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



THF, Tetramethylene oxide, Oxolane



- M = 72,11 g/mol
- CAS [109-99-9]
- Density: 0,89
- Melting point: -108,5 °C
- Boiling point: 65 - 66 °C
- UN 2056

GHS information: Danger.

H225 - H319 - H335 - EUH019

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

Packaging Code

1 l TE02201000

2,5 l TE02202500

5 l TE0220005M

25 l TE0220025A

25 l TE0220025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

non-volatile matter max. 0,025 %

water (K.F.)..... max. 0,1 %

TE0221 Tetrahydrofuran, reagent grade, ACS, Reag. Ph Eur, stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



THF, Tetramethylene oxide, Oxolane



- M = 72,11 g/mol
- CAS [109-99-9]
- Density: 0,89
- Melting point: -108,5 °C
- Boiling point: 65 - 66 °C
- UN 2056

GHS information: Danger.

H225 - H319 - H335 - EUH019

P210 - P241 - P303+P361+P353 - P305+P351+P338 -

P405 - P501a

Packaging Code

1 l TE02211000

2,5 l TE02212500

25 l TE0221025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %

TE0223 Tetrahydrofuran, dried (max. 0,005% H₂O), reagent grade, stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



THF, Tetramethylene oxide, Oxolane



- M = 72,11 g/mol
- CAS [109-99-9]
- Density: 0,89

- Melting point: -108,5 °C
- Boiling point: 65 - 66 °C
- UN 2056

GHS information: Danger.
H225 - H319 - H335 - EUH019
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l TE02231000
2,5 l TE02232500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
water (K.F.)..... max. 0,005 %

TE0228 Tetrahydrofuran, Multisolvent® GPC grade, ACS, stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



THF, Tetramethylene oxide, Oxolane



- M = 72,11 g/mol
- CAS [109-99-9]
- Density: 0,89

- Melting point: -108,5 °C
- Boiling point: 65 - 66 °C
- UN 2056

GHS information: Danger.
H225 - H319 - H335 - EUH019
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l TE02281000
2,5 l TE02282500
4 l TE02284000
7 l TE0228007E
25 l TE0228025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,025 %
water (K.F.)..... max. 0,02 %

TE0224 Tetrahydrofuran, spectroscopy grade, without stabilizer, Spectrosol®



THF, Tetramethylene oxide, Oxolane



- M = 72,11 g/mol
- CAS [109-99-9]
- Density: 0,89

- Melting point: -108,5 °C
- Boiling point: 65 - 66 °C
- UN 2056

GHS information: Danger.
H225 - H319 - H335 - EUH019
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l TE02241000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
minimum transmission /max. absorbance
wavelength:
215 nm..... T (%) A (AU)
245 nm..... 10 % 1,000 AU
265 nm..... 50 % 0,301 AU
275 nm..... 80 % 0,097 AU
310 nm..... 90 % 0,046 AU
98 % 0,009 AU

TE0225 Tetrahydrofuran, HPLC grade, without stabilizer



THF, Tetramethylene oxide, Oxolane



- M = 72,11 g/mol
- CAS [109-99-9]
- Density: 0,89

- Melting point: -108,5 °C
- Boiling point: 65 - 66 °C
- UN 2056

GHS information: Danger.
H225 - H319 - H335 - EUH019
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
1 l TE02251000
2,5 l TE02252500
7 l TE0225007E

Store between 15°C and 25°C

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,0002 %
water (K.F.)..... max. 0,02 %
min. transmission/max. absorbance
wavelength:
230 nm..... T(%) A (AU)
243 nm..... 20 % 0,699 AU
243 nm..... 50 % 0,301 AU
273 nm..... 90 % 0,046 AU
Microfiltered through membranes
of pore diameter 0,22 µm

TE0222 Tetrahydrofuran, 99,8%, anhydrous (max. 0,005 % H₂O), stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



THF, Tetramethylene oxide, Oxolane



- M = 72,11 g/mol
- CAS [109-99-9]
- Density: 0,89

- Melting point: -108,5 °C
- Boiling point: 65 - 66 °C
- UN 2056

GHS information: Danger.
H225 - H319 - H335 - EUH019
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Packaging Code
100 ml TE02220100
500 ml TE02220500
1 l TE02221000

Store between 15°C and 25°C

assay (G.C.)..... min. 99,8 %
water (K.F.)..... max. 0,005 %

Tetra

TE0229 Tetrahydrofuran, 99,5%, anhydrous (max. 0,005 % H₂O), with molecular sieves, stabilized with 2,6-Di-tert-butyl-4-methylphenol (BHT)



THF, Tetramethylene oxide, Oxolane

Packaging Code
11 0 TE02291000

C₄H₈O

• M = 72,11 g/mol
• CAS [109-99-9]
• Density: 0,89

• Melting point: -108,5 °C
• Boiling point: 65 - 66 °C
• UN 2056

GHS information: Danger.
H225 - H319 - H335 - EUH019
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
water (K.F.)..... max. 0,005 %

TE0230 Tetrahydrofuran-d8, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®



Octadeuterotetrahydrofurane

Packaging Code
x8x0,75 0 TE0230.750

C₄D₈O

• M = 80,16 g/mol
• CAS [1693-74-9]
• Density: 0,99

• Melting point: -108 °C
• Boiling point: 64 °C
• UN 2056

GHS information: Danger.
H224 - H319 - H335 - EUH019
P210 - P241 - P303+P361+P353 - P305+P351+P338 -
P405 - P501a

Store between 15°C and 25°C

TE0217 Tetrahydrofuran, solution naphthalene/sodium



• UN 1993

GHS information: Danger.
H225 - H302 - H315 - H318 - H351 - H335 - H336 -
H411 - EUH019
P210 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
2,5 l 0 TE02172500

Store between 15°C and 25°C

TE0240 1,2,3,4-Tetrahydronaphthalene, pure



Tetralin

Packaging Code
1 l 0 TE02401000

C₁₀H₁₂

• M = 132,21 g/mol
• CAS [119-64-2]
• Density: 0,97

• Melting point: -36 °C
• Boiling point: 207 °C
• UN 3082

GHS information: Warning.
H315 - H319 - H411 - EUH019
P280 - P273 - P305+P351+P338 - P321 - P362 -
P501a

Store between 15°C and 25°C

TE0305 Tetramethylammonium bromide, extra pure, Reag. Ph Eur

C₄H₁₂BrN

Packaging Code
100 g 0 TE03050100

• M = 154,06 g/mol
• CAS [64-20-0]

• Melting point: ~ 230 °C
(decomposes)

assay (argentometric) min. 99 %

Hygroscopic

Store between 15°C and 25°C

CL0355 Tetramethylammonium chloride, synthesis grade



C₄H₁₂ClN

Packaging Code
25 g 0 CL03550025

• M = 109,60 g/mol
• CAS [75-57-0]

• Melting point: > 300 °C
• UN 2811

GHS information: Danger.
H301 - H312 - H315
P280 - P301+P310 - P321 - P322 - P405 - P501a

Hygroscopic

assay (argentometric) min. 98 %

N,N,N',N'-Tetramethylethylenediamine. See TEMED page 317

TE0380 Tetramethylsilane, reference substance for NMR spectroscopy



TMS			Packaging	Code
$C_4H_{12}Si$		GHS information: Danger.	100 ml	TE03800100
• M = 88,23 g/mol	• Melting point: -99 °C	H224		
• CAS [75-76-3]	• Boiling point: 26 °C	P210 - P241 - P280 - P240 - P303+P361+P353 -		
• Density: 0,64	• UN 2749	P501a		

SO0583 Tetrasodium diphosphate decahydrate, extra pure, Reag. Ph Eur

Tetrasodium pyrophosphate, TSP			Packaging	Code
$Na_4P_2O_7 \cdot 10H_2O$			500 g	SO05830500
• M = 446,06 g/mol	• Melting point: ~ 79,5 °C		1 kg	SO05831000
• CAS [13472-36-1]	• Boiling point: 93,8 °C		5 kg	SO0583005P
		assay (acidimetric)..... min. 99 %	25 kg	SO0583025P

TFA. See Trifluoroacetic acid page 335

TA0080 Thallium(I) nitrate, extra pure



Nitric acid thallium salt			Packaging	Code
$TlNO_3$		GHS information: Danger.	25 g	TA00800025
• M = 266,37 g/mol	• Boiling point: 430 °C	H300 - H330 - H373 - H411	100 g	TA00800100
• CAS [10102-45-1]	• UN 2727	P260 - P301+P310 - P310 - P320 - P405 - P501a		
• Melting point: 206 °C		assay (bromometric) min. 99 %		

THAM. See Tris-(hydroxymethyl)-aminomethane page 338

THF. See Tetrahydrofuran page 320

Thimerosal. See Ethylmercurithiosalicylic acid, sodium salt page 125

TI0139 Thioacetamide, synthesis grade



Ethanethioamide			Packaging	Code
C_2H_5NS		GHS information: Danger.	250 g	TI01390250
• M = 75,13 g/mol	• Melting point: 113 - 114 °C	H350 - H302 - H315 - H319 - H412		
• CAS [62-55-5]		P280 - P281 - P305+P351+P338 - P321 - P405 -		
		P501a		
Store between 15°C and 25°C		assay (argentometric)..... min. 98 %		

TI0140 Thioacetamide, reagent grade, ACS



Ethanethioamide			Packaging	Code
C_2H_5NS		GHS information: Danger.	50 g	TI01400050
• M = 75,13 g/mol	• Melting point: 113 - 114 °C	H350 - H302 - H315 - H319 - H412		
• CAS [62-55-5]		P280 - P281 - P305+P351+P338 - P321 - P405 -		
		P501a		
Store between 15°C and 25°C		assay (argentometric)..... min. 99 %		

Thiocarbamide. See Thiourea page 324

Thioglycol. See 2-Mercaptoethanol page 180

Thiog

AC3080 Thioglycolic acid, solution 80% w/w, extra pure



Mercaptoacetic acid



- M = 92,12 g/mol
- CAS [68-11-1]
- Density: 1,27

- Melting point: -15 - -10 °C
- UN 1940

GHS information: Danger.
H301 - H311 - H330 - H314
P301+P310 - P303+P361+P353 - P305+P351+P338 -
P310 - P320 - P361 - P405 - P501a

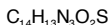
Packaging Code
500 ml AC30800500
1 l AC30801000

Store between 5°C and 30°C

assay (iodometric)..... 79 - 82 %

Ti0250 Thionine, C.I. 52000, for microscopy

Thionine (acetate), 3,7-Diaminophenothiazin-5-ium chloride, Lauth's violet



- M = 287,34 g/mol

- CAS [78338-22-4]

Packaging Code
5 g TI02500005
25 g TI02500025

Store between 5°C and 30°C

CL0360 Thionyl chloride, synthesis grade



Sulfurous acid dichloride



- M = 118,96 g/mol
- CAS [7719-09-7]
- Density: 1,64

- Melting point: -104,5 °C
- Boiling point: (129 hPa) 20 °C
- UN 1836

GHS information: Danger.
H314 - H302 - H332 - EUH014 - EUH029
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
1 l CL03601000

assay (argentometric)..... min. 99 %

Ti0180 Thiophene, synthesis grade



Thiofuran, Thiofurfuran, Divinylene sulfide



- M = 84,14 g/mol
- CAS [110-02-1]
- Density: 1,06

- Melting point: -38 °C
- Boiling point: 83 - 84 °C
- UN 2414

GHS information: Danger.
H225 - H302 - H319 - H412
P210 - P241 - P280 - P303+P361+P353 -
P305+P351+P338 - P501a

Packaging Code
250 ml TI01800250
1 l TI01801000

Store between 15°C and 25°C

assay (G.C.) min. 99 %

Ti0300 Thiourea, extra pure



Thiocarbamide



- M = 76,11 g/mol
- CAS [62-56-6]

- Melting point: 171 - 184 °C
- UN 3077

GHS information: Warning.
H351 - H361d - H302 - H411
P281 - P273 - P301+P312 - P308+P313 - P405 -
P501a

Packaging Code
500 g TI03000500
1 kg TI03001000
5 kg TI0300005P

crystals, white

assay (argentometric)..... min. 99 %

Ti0303 Thiourea, reagent grade, ACS



Thiocarbamide



- M = 76,11 g/mol
- CAS [62-56-6]

- Melting point: 171 - 184 °C
- UN 3077

GHS information: Warning.
H351 - H361d - H302 - H411
P281 - P273 - P301+P312 - P308+P313 - P405 -
P501a

Packaging Code
500 g TI03030500
1 kg TI03031000

crystals, white

assay (argentometric, on dried base)..... min. 99 %

TI0080 Thymol, extra pure, Ph Eur, BP, NF



5-Methyl-2-(1-methylethyl)phenol, 5-Methyl-2-isopropyl-1-phenol



- M = 150,22 g/mol
- Boiling point: 233 °C
- CAS [89-83-8]
- UN 2430
- Melting point: 49 - 51 °C

GHS information: Danger.
H314 - H302 - H411
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
100 g TI00800100
500 g TI00800500

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %
other residual solvents (Ph Eur/ICH)..... excluded by
production process

AZ0225 Thymol blue, indicator, ACS

Thymolsulfonphthalein, TB



- M = 466,60 g/mol
- Melting point: 221 °C
- CAS [76-61-9]

Packaging Code
5 g AZ02250005
25 g AZ02250025

Store between 15°C and 25°C

AZ0226 Thymol blue, solution 0,04%, indicator



Thymolsulfonphthalein, TB



- M = 466,60 g/mol
- CAS [76-61-9]

GHS information: Warning.
H226
P210 - P241 - P280 - P303+P361+P353 -
P501a

Packaging Code
100 ml AZ02260100

Store between 15°C and 25°C

TI0100 Thymolphthalein, indicator, reagent grade, ACS



- M = 430,55 g/mol
- Melting point: 253 °C
- CAS [125-20-2]

identity (UV-VIS spectroscopy)..... passes test

Packaging Code
5 g TI01000005
25 g TI01000025
50 g TI01000050

ES0050 Tin, granulated, (1 - 2 cm), extra pure, Reag. Ph Eur

Sn

- M = 118,69 g/mol
- Melting point: 232 °C
- CAS [7440-31-5]
- Boiling point: 2362 °C

Packaging Code
100 g ES00500100
250 g ES00500250
1 kg ES00501000

ES0051 Tin, granulated, (1 - 3 mm), extra pure, Reag. Ph Eur

Sn

- M = 118,69 g/mol
- Melting point: 232 °C
- CAS [7440-31-5]
- Boiling point: 2362 °C

Packaging Code
100 g ES00510100
250 g ES00510250
1 kg ES00511000

ES0065 Tin(IV) chloride, synthesis grade



Tin tetrachloride



- M = 260,50 g/mol
- Melting point: -33 °C
- CAS [7646-78-8]
- Boiling point: 114,1 °C
- Density: 2,23
- UN 1827

GHS information: Danger.
H314 - H412
P260 - P303+P361+P353 - P305+P351+P338 - P310 -
P405 - P501a

Packaging Code
250 ml ES00650250
1 l ES00651000

Store below 25°C

assay (acidimetric) min. 99 %

Tin

ES0063 Tin(II) chloride dihydrate, extra pure, Ph Eur, BP



Hydrochloric acid tin(II) salt dihydrate, Stannic chloride, Stannochlor



- M = 225,63 g/mol
- CAS [10025-69-1]

- Melting point: 37,7 °C

crystals, white

Store between 15°C and 25°C

GHS information: Warning.
H302 - H315 - H319 - H317 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

assay (iodometric)..... 98 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code
100 g ES00630100
1 kg ES00631000
5 kg ES0063005P
25 kg ES0063025P

ES0064 Tin(II) chloride dihydrate, reagent grade, ACS, ISO, Reag. Ph Eur



Hydrochloric acid tin(II) salt dihydrate, Stannic chloride, Stannochlor



- M = 225,63 g/mol
- CAS [10025-69-1]

- Melting point: 37,7 °C

crystals , white

Store between 15°C and 25°C

GHS information: Warning.
H302 - H315 - H319 - H317 - H335
P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

assay (iodometric)..... 98 - 103 %

Packaging Code
100 g ES00640100
250 g ES00640250
500 g ES00640500
1 kg ES00641000

ES0070 Tin(IV) oxide, extra pure

Tin dioxide, Stannic (IV) oxide



- M = 150,70 g/mol
- CAS [18282-10-5]

- Melting point: 1630 °C

assay (gravimetric) min. 99 %

Packaging Code
250 g ES00700250
1 kg ES00701000

Tin tetrachloride. See Tin(IV) chloride page 325

Ti0329 TISAB III, for fluorides determination



- Density: ~ 1,05

GHS information: Warning.
H319
P280 - P264 - P305+P351+P338 - P337+P313

Packaging Code
500 ml TI03290500

Ti0330 TISAB IV, for fluorides determination, according to ASTM D1179



- Density: 1,20

GHS information: Warning.
H315 - H319
P280 - P305+P351+P338 - P362 - P332+P313 -
P337+P313

Packaging Code
500 ml TI03300500

AM0095 Titan yellow, C.I. 19540, reagent for magnesium and indicator

Clayton yellow, Naphthamine G, Thiazole yellow



- M = 695,73 g/mol

- CAS [1829-00-1]

Packaging Code
25 g AM00950025
100 g AM00950100

Ti0367 Titanium dioxide, synthesis grade

Titanium(IV) oxide



- M = 79,90 g/mol
- CAS [13463-67-7]

- Melting point: 1855 °C
- Boiling point: 2900 °C

assay min. 99 %

Packaging Code
500 g TI03670500
1 kg TI03671000

Titanium(IV) oxide. See Titanium dioxide page 326

TMS. See Tetramethylsilane page 323

TO0072 Toluene, synthesis grade



Methylbenzene, Phenylmethane

C_7H_8

• M = 92,14 g/mol
• CAS [108-88-3]
• Density: 0,87

• Melting point: -95 °C
• Boiling point: 111 °C
• UN 1294

GHS information: Danger.
H225 - H304 - H361d - H373 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

assay (G.C.)..... min. 99,5 %

Packaging Code
1 | TO00721000
2,5 | TO00722500
5 | TO0072005P
25 | TO0072025P

TO0073 Toluene, extra pure



Methylbenzene, Phenylmethane

C_7H_8

• M = 92,14 g/mol
• CAS [108-88-3]
• Density: 0,87

• Melting point: -95 °C
• Boiling point: 111 °C
• UN 1294

GHS information: Danger.
H225 - H304 - H361d - H373 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

assay (G.C.)..... min. 99,5 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,05 %

Packaging Code
1 | TO00731000
2,5 | TO00732500
5 | TO0073005L
25 | TO0073025A
25 | TO0073025S

TO0079 Toluene, analytical grade, ACS



Methylbenzene, Phenylmethane

C_7H_8

• M = 92,14 g/mol
• CAS [108-88-3]
• Density: 0,87

• Melting point: -95 °C
• Boiling point: 111 °C
• UN 1294

GHS information: Danger.
H225 - H304 - H361d - H373 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

assay (G.C.)..... min. 99,6 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,03 %

Packaging Code
1 | TO00791000
2,5 | TO00792500
5 | TO0079005L
7 | TO0079007E
25 | TO0079025A
25 | TO0079025S

TO0075 Toluene, reagent grade, ACS, ISO, Reag. Ph Eur



Methylbenzene, Phenylmethane

C_7H_8

• M = 92,14 g/mol
• CAS [108-88-3]
• Density: 0,87

• Melting point: -95 °C
• Boiling point: 111 °C
• UN 1294

GHS information: Danger.
H225 - H304 - H361d - H373 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

assay (G.C.)..... min. 99,9 %
non-volatile matter..... max. 0,0005 %
water (K.F.)..... max. 0,02 %

Packaging Code
1 | TO00751000
2,5 | TO00752500
7 | TO0075007E
25 | TO0075025S

TO0074 Toluene, dried (max. 0,0075% H₂O), reagent grade, ACS, ISO



Methylbenzene, Phenylmethane

C_7H_8

• M = 92,14 g/mol
• CAS [108-88-3]
• Density: 0,87

• Melting point: -95 °C
• Boiling point: 111 °C
• UN 1294

GHS information: Danger.
H225 - H304 - H361d - H373 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

assay (G.C.)..... min. 99,9 %
water (K.F.)..... max. 0,0075 %

Packaging Code
1 | TO00741000

Toluene

TO0085 Toluene, Multisolvent® HPLC grade ACS ISO UV-VIS



Methylbenzene, Phenylmethane



- M = 92,14 g/mol
- CAS [108-88-3]
- Density: 0,87

- Melting point: -95 °C
- Boiling point: 111 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

assay (G.C.).....	min. 99,9 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,02 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
285 nm.....	10 % 1,000 AU
292 nm.....	50 % 0,301 AU
305 nm.....	80 % 0,097 AU
317 nm.....	90 % 0,046 AU
350 nm.....	98 % 0,009 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

Packaging Code

1 l	TO00851000
2,5 l	TO00852500
4 l	TO00854000
7 l	TO0085007E
25 l	TO0085025S

TO0076 Toluene, spectroscopy grade, Spectrosol®



Methylbenzene, Phenylmethane



- M = 92,14 g/mol
- CAS [108-88-3]
- Density: 0,87

- Melting point: -95 °C
- Boiling point: 111 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,02 %
minimum transmission /max. absorbance	
wavelength:	T (%) A (AU)
285 nm.....	10 % 1,000 AU
292 nm.....	50 % 0,301 AU
305 nm.....	80 % 0,097 AU
317 nm.....	90 % 0,046 AU
350 nm.....	98 % 0,009 AU

Packaging Code

1 l	TO00761000
2,5 l	TO00762500

TO0081 Toluene, for GC residue analysis



Methylbenzene, Phenylmethane



- M = 92,14 g/mol
- CAS [108-88-3]
- Density: 0,87

- Melting point: -95 °C
- Boiling point: 111 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,02 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	

Packaging Code

1 l	TO00811000
2,5 l	TO00812500

TO0082 Toluene, GC ultra-trace analysis grade



Methylbenzene, Phenylmethane



- M = 92,14 g/mol
- CAS [108-88-3]
- Density: 0,87

- Melting point: -95 °C
- Boiling point: 111 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336
P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
P501a

assay (G.C.).....	min. 99,8 %
non-volatile matter.....	max. 0,0001 %
water (K.F.).....	max. 0,02 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	
Suitable for highly volatile halogenated	
hydrocarbons trace analysis	
Suitable for pesticide and polycyclic	
aromatic hydrocarbons residue analysis	

Packaging Code

1 l	TO00821000
2,5 l	TO00822500

TO0084 Toluene, 99,8%, anhydrous (max. 0,003 % H₂O)*Methylbenzene, Phenylmethane*

- M = 92,14 g/mol
- CAS [108-88-3]
- Density: 0,87

- Melting point: -95 °C
- Boiling point: 111 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

100 ml TO00840100

500 ml TO00840500

1 l TO00841000

 assay (G.C.)..... min. 99,8 %
 water (K.F.)..... max. 0,003 %
TO0087 Toluene, 99,5%, anhydrous (max. 0,005 % H₂O), with molecular sieves*Methylbenzene, Phenylmethane*

- M = 92,14 g/mol
- CAS [108-88-3]
- Density: 0,87

- Melting point: -95 °C
- Boiling point: 111 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l TO00871000

 assay (G.C.)..... min. 99,5 %
 water (K.F.)..... max. 0,005 %
TO0078 Toluene, for liquid scintillation, Normascint®*Methylbenzene, Phenylmethane*

- M = 92,14 g/mol
- CAS [108-88-3]
- Density: 0,87

- Melting point: -95 °C
- Boiling point: 111 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

2,5 l TO00782500

25 l TO0078025A

TO0086 Toluene, for histology*Methylbenzene, Phenylmethane*

- M = 92,14 g/mol
- CAS [108-88-3]
- Density: 0,87

- Melting point: -95 °C
- Boiling point: 111 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

1 l TO00861000

5 l TO0086005L

TO0083 Toluene, ASTM*Methylbenzene, Phenylmethane*

- M = 92,14 g/mol
- CAS [108-88-3]
- Density: 0,87

- Melting point: -95 °C
- Boiling point: 111 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

25 l TO0083025A

200 l TO0083200L

assay (G.C.)..... min. 99,5 %

TO0080 Toluene-d8, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®*Methylbenzene deuterated*

- M = 100,19 g/mol
- CAS [2037-26-5]
- Density: 0,94

- Melting point: -85 °C
- Boiling point: 109 °C
- UN 1294

GHS information: Danger.

H225 - H304 - H361d - H373 - H315 - H336

P210 - P241 - P301+P310 - P303+P361+P353 - P405 -

P501a

Packaging Code

x10x0,75 TO0080.750

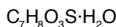
10 ml TO00800010

Toluene

AC3120 Toluene-4-sulfonic acid monohydrate, synthesis grade



PTSA monohydrate, 4-Methylbenzenesulfonic acid, PASAM, p-Toluenesulfonic acid



• M = 190,22 g/mol
• CAS [6192-52-5]

• Melting point: 105 °C (anhydrous substance)
• UN 2585

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

250 g  AC31200250

1 kg  AC31201000

5 kg  AC3120005P

blocks, white or almost white

assay (acidimetric, on dried substance)..... min. 98 %

Hygroscopic

Store between 15°C and 25°C

AC3123 Toluene-4-sulfonic acid monohydrate, reagent grade



PTSA monohydrate, 4-Methylbenzenesulfonic acid, PASAM, p-Toluenesulfonic acid



• M = 190,22 g/mol
• CAS [6192-52-5]

• Melting point: 105 °C (anhydrous substance)
• UN 2585

GHS information: Warning.

H315 - H319 - H335

P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

250 g  AC31230250

crystals, almost white

assay (acidimetric, on dried sample)..... min. 99 %

Hygroscopic

Store between 15°C and 25°C

4-Toluenesulfonic acid sodium salt. See Sodium p-toluenesulfonate page 290

TO0120 o-Toluidine, synthesis grade



2-Aminotoluene, 2-Methylaniline



• M = 107,16 g/mol
• CAS [95-53-4]
• Density: 0,99

• Melting point: < -15 °C
• Boiling point: 200 °C
• UN 1708

GHS information: Danger.

H301 - H331 - H350 - H400 - H319

P261 - P301+P310 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

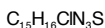
1 l  TO01201000

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

AZ0235 Toluidine blue, C.I. 52040, for microscopy

Basic blue 17, Toluidine blue O



• M = 305,83 g/mol

• CAS [92-31-9]

Packaging Code

5 g  AZ02350005

25 g  AZ02350025

Store between 5°C and 30°C

TO0150 p-Toluidine hydrochloride, extra pure



p-Aminotoluene hydrochloride, p-Toluidinium chloride



• M = 143,62 g/mol
• CAS [540-23-8]

• Melting point: 239 - 242 °C
• UN 2811

GHS information: Danger.

H301 - H311 - H331 - H351 - H400 - H319 - H317

P301+P310 - P305+P351+P338 - P361 - P321 - P405 - P501a

Packaging Code

250 g  TO01500250

Store between 15°C and 25°C

assay (argentometric) min. 99 %

Tourmesol. See Litmus, soluble page 173

TR0030 D-Trehalose, for bacteriology*Mycose, α-D-Glucopyranosyl-α-D-glucopyranoside*

- M = 342,30 g/mol
- CAS [99-20-7]

- Melting point: 203 °C

Store between 15°C and 25°C

Packaging Code5 g  TR00300005**TR0080 Triacetin**, 99%, extra pure*Glycerol triacetate*

- M = 218,23 g/mol
- CAS [102-76-1]
- Density: 1,16

- Melting point: 4 °C
- Boiling point: 258 °C

assay (acidimetric, on dried substance)... 97 - 100,5 %

Store between 15°C and 25°C

Packaging Code1 l  TR00801000**TR0083 Triacetin**, 99%, reagent grade*Glycerol triacetate*

- M = 218,23 g/mol
- CAS [102-76-1]
- Density: 1,16

- Melting point: 4 °C
- Boiling point: 258 °C

assay (G.C.)..... min. 99,5 %

Store between 15°C and 25°C

Packaging Code1 l  TR00831000*Tricobalt tetroxide. See Cobalt oxide page 74***AC3130 Trichloroacetic acid**, extra pure, Ph Eur, BP*TCA*

- M = 163,39 g/mol
- CAS [76-03-9]
- Melting point: 54 - 58 °C

- Boiling point: 197 °C
- UN 1839

GHS information: Danger.

H314 - H400 - H410

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code1 kg  AC313010005 kg  AC3130005P

bright flakes, white, up to 0,5cm

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric)..... 98 - 100,5 %

residual solvents (Ph Eur/ICH)..... excluded by production process

AC3132 Trichloroacetic acid, reagent grade, ACS*TCA*

- M = 163,39 g/mol
- CAS [76-03-9]
- Melting point: 54 - 58 °C

- Boiling point: 197 °C
- UN 1839

GHS information: Danger.

H314 - H400 - H410

P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code100 g  AC31320100250 g  AC313202501 kg  AC31321000

bright flakes, white, up to 0,5cm

Hygroscopic

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,5 %

Trich

AC3134 Trichloroacetic acid, solution 20% w/v, extra pure



TCA

CCl_3COOH

• M = 163,39 g/mol
• CAS [76-03-9]

• Density: 1,10
• UN 2564

GHS information: Danger.

H314 - H335 - H336 - H411

P260 - P303+P361+P533 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 I AC31341000

Store between 15°C and 25°C

AC3133 Trichloroacetic acid, solution 3% w/v, extra pure



TCA

CCl_3COOH

• M = 163,39 g/mol
• CAS [76-03-9]

• Density: 1,012
• UN 2564

GHS information: Warning.

H315 - H335 - H336 - H411

P261 - P280 - P321 - P362 - P405 - P501a

Packaging Code

1 I AC31331000

Store between 15°C and 25°C

TR0119 1,2,4-Trichlorobenzene, reagent grade



$\text{C}_6\text{H}_3\text{Cl}_3$

• M = 181,45 g/mol
• CAS [120-82-1]
• Density: 1,45

• Melting point: 17 °C
• Boiling point: 213,5 °C
• UN 2321

GHS information: Warning.

H400 - H410 - H302 - H315

P280 - P273 - P321 - P362 - P301+P312 - P501a

Packaging Code

1 I TR01191000

assay (G.C.) min. 99 %

Store between 15°C and 25°C

TR0120 1,2,4-Trichlorobenzene, HPLC grade



$\text{C}_6\text{H}_3\text{Cl}_3$

• M = 181,45 g/mol
• CAS [120-82-1]
• Density: 1,45

• Melting point: 17 °C
• Boiling point: 213,5 °C
• UN 2321

GHS information: Warning.

H400 - H410 - H302 - H315

P280 - P273 - P321 - P362 - P301+P312 - P501a

Packaging Code

1 I TR01201000

2,5 I TR01202500

assay (G.C.) min. 99 %
water (K.F.) max. 0,01 %

min. transmission/max. absorbance
wavelength:
310 nm T(%) A (AU)
315 nm 60 % 0,222 AU
385 nm 80 % 0,097 AU
98 % 0,009 AU
Microfiltered through membranes
of pore diameter 0,22 µm

Store between 15°C and 25°C

TR0149 Trichloroethene, synthesis grade, stabilized with ethanol



Ethynyl trichloride, Trichloroethylene, Ethylene trichloride

C_2HCl_3

• M = 131,79 g/mol
• CAS [79-01-6]
• Density: 1,46

• Melting point: -86 °C
• Boiling point: 87 °C
• UN 1710

GHS information: Danger.

H350 - H341 - H315 - H319 - H336 - H412

P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code

5 I TR0149005P

Store between 15°C and 25°C

assay (G.C.) min. 98,5 %

TR0150 Trichloroethene, extra pure, stabilized with ethanol



Ethynyl trichloride, Trichloroethylene, Ethylene trichloride

C_2HCl_3

• M = 131,79 g/mol
• CAS [79-01-6]
• Density: 1,46

• Melting point: -86 °C
• Boiling point: 87 °C
• UN 1710

GHS information: Danger.

H350 - H341 - H315 - H319 - H336 - H412

P261 - P280 - P305+P351+P338 - P321 - P405 -
P501a

Packaging Code

1 I TR01501000

2,5 I TR01502500

5 I TR0150005P

25 I TR0150025A

25 I TR0150025S

Store between 15°C and 25°C

assay (G.C.) min. 99,5 %
non-volatile matter max. 0,001 %
water (K.F.) max. 0,01 %

TR0151 Trichloroethene, reagent grade, ACS, stabilized with ethanol



Ethinyl trichloride, Trichloroethylene, Ethylene trichloride



- M = 131,79 g/mol
- CAS [79-01-6]
- Density: 1,46

- Melting point: -86 °C
- Boiling point: 87 °C
- UN 1710

GHS information: Danger.

H350 - H341 - H315 - H319 - H336 - H412
P261 - P280 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

- 1 l TR01511000
- 2,5 l TR01512500
- 25 l TR0151025S

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %
non-volatile matter..... max. 0,0005 %

Trichloromethane. See Chloroform page 66

TR0170 2,4,6-Trichlorophenol, synthesis grade



TCP



- M = 197,45 g/mol
- CAS [88-06-2]
- Melting point: 65 - 68 °C

- Boiling point: 244 - 246 °C
- UN 2020

GHS information: Warning.

H351 - H400 - H410 - H302 - H315 - H319
P280 - P281 - P305+P351+P338 - P321 - P405 - P501a

Packaging Code

- 250 g TR01700250

Store between 15°C and 25°C

assay (G.C.)..... min. 95 %

TR0200 Triethanolamine, synthesis grade

Tris (2-hydroxyethyl)amine, 2,2',2''-Trihydroxytriethylamine, TEA



- M = 149,19 g/mol
- CAS [102-71-6]
- Density: 1,12

- Melting point: 21,2 °C
- Boiling point: (hPa) 208 °C

assay (G.C.)..... min. 98 %

Packaging Code

- 1 l TR02001000
- 2,5 l TR02002500

Hygroscopic

Store between 15°C and 25°C

TR0202 Triethanolamine, extra pure, Ph Eur, NF

Tris (2-hydroxyethyl)amine, 2,2',2''-Trihydroxytriethylamine, TEA



- M = 149,19 g/mol
- CAS [102-71-6]
- Density: 1,12

- Melting point: 21,2 °C
- Boiling point: (hPa) 208 °C

assay (acidimetric, on dried substance)... 99 - 103 %
residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging Code

- 1 l TR02021000

Hygroscopic

Store between 15°C and 25°C

TR0215 Triethylamine, synthesis grade



N,N-Diethylethanamine



- M = 101,19 g/mol
- CAS [121-44-8]
- Density: 0,73

- Melting point: -115 °C
- Boiling point: 90 °C
- UN 1296

GHS information: Danger.

H225 - H314 - H302 - H312 - H332
P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a

Packaging Code

- 1 l TR02151000
- 2,5 l TR02152500

Store between 15°C and 25°C

assay (G.C.)..... min. 99 %

Triet

TR0216 Triethylamine, reagent grade, Reag. Ph Eur



N,N-Diethylethanamine



- M = 101,19 g/mol
- CAS [121-44-8]
- Density: 0,73

- Melting point: -115 °C
- Boiling point: 90 °C
- UN 1296

GHS information: Danger.

H225 - H314 - H302 - H312 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

250 ml TR02160250

1 l TR02161000

2,5 l TR02162500

Store between 15°C and 25°C

assay (G.C.)..... min. 99,5 %

TR0218 Triethylamine, HPLC grade



N,N-Diethylethanamine



- M = 101,19 g/mol
- CAS [121-44-8]
- Density: 0,73

- Melting point: -115 °C
- Boiling point: 90 °C
- UN 1296

GHS information: Danger.

H225 - H314 - H302 - H312 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

1 l TR02181000

2,5 l TR02182500

Store between 15°C and 25°C

assay (acidimetric)..... min. 99,7 %
non-volatile matter..... max. 0,001 %
water (K.F.)..... max. 0,1 %

TR0217 Triethylamine, eluent additive for LC-MS



N,N-Diethylethanamine



- M = 101,19 g/mol
- CAS [121-44-8]
- Density: 0,73

- Melting point: -115 °C
- Boiling point: 90 °C
- UN 1296

GHS information: Danger.

H225 - H314 - H302 - H312 - H332

P210 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

50 ml TR02170050

Store between 15°C and 25°C

assay (G.C.)..... min. 99,7 %
suitability for use in LC-MS..... passes test

TR0240 Triethylene glycol, extra pure

Triglycol



- M = 150,18 g/mol
- CAS [112-27-6]
- Density: 1,12

- Melting point: -7 °C
- Boiling point: 286 - 288 °C

assay (G.C.) min. 99 %

Hygroscopic

Store between 15°C and 25°C

TR0260 Triethylenetetramine, synthesis grade



N,N'-Bis(2-aminoethyl)-1,2-ethanediamine



- M = 146,24 g/mol
- CAS [112-24-3]
- Density: 0,98

- Melting point: 12 °C
- Boiling point: (13 hPa) 144 - 147 °C
- UN 2259

GHS information: Danger.

H314 - H312 - H317 - H412

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

250 ml TR02600250

Hygroscopic

Store between 15°C and 25°C

assay (G.C.) min. 70 %

AC3141 Trifluoroacetic acid, synthesis grade

Perfluoroacetic acid, TFA


- M = 114,02 g/mol
- CAS [76-05-1]
- Density: 1,48

- Melting point: -15 °C
- Boiling point: 72 °C
- UN 2699

GHS information: Danger.

H314 - H332 - H412

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

100 ml AC31410100

1 l AC31411000

Hygroscopic

assay (acidimetric)..... min. 99,5 %

Store between 15°C and 25°C

AC3143 Trifluoroacetic acid, buffer substance, HPLC grade

Perfluoroacetic acid, TFA


- M = 114,02 g/mol
- CAS [76-05-1]
- Density: 1,48

- Melting point: -15 °C
- Boiling point: 72 °C
- UN 2699

GHS information: Danger.

H314 - H332 - H412

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

100 ml AC31430100

Hygroscopic

assay (acidimetric)..... min. 99,5 %

Store between 15°C and 25°C

maximum absorbance in a 1,0 cm cell at wavelength:

wavelength:	absorbance:
260 nm.....	0,9 AU
270 nm.....	0,1 AU
280 nm.....	0,05 AU
290 nm.....	0,04 AU
300 nm.....	0,03 AU
320 nm.....	0,025 AU

AC3144 Trifluoroacetic acid, eluent additive for LC-MS

Perfluoroacetic acid, TFA


- M = 114,02 g/mol
- CAS [76-05-1]
- Density: 1,48

- Melting point: -15 °C
- Boiling point: 72 °C
- UN 2699

GHS information: Danger.

H314 - H332 - H412

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

50 ml AC31440050

Hygroscopic

 assay (acidimetric)..... min. 99 %
 suitability for use in LC-MS..... passes test

Store between 15°C and 25°C

AC3142 Trifluoroacetic acid, peptide synthesis grade

Perfluoroacetic acid, TFA


- M = 114,02 g/mol
- CAS [76-05-1]
- Density: 1,48

- Melting point: -15 °C
- Boiling point: 72 °C
- UN 2699

GHS information: Danger.

H314 - H332 - H412

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

100 ml AC31420100

1 l AC31421000

Hygroscopic

Store between 15°C and 25°C

AC3140 Trifluoroacetic acid-d, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®


- M = 115,03 g/mol
- CAS [599-00-8]
- Density: 1,50

- Melting point: -15 °C
- Boiling point: 71 °C
- UN 2699

GHS information: Danger.

H314 - H332

P260 - P303+P361+P353 - P305+P351+P338 - P310 -

P405 - P501a

Packaging Code

x10x0,75 AC3140.750

5 ml AC31400005

Hygroscopic

Store between 15°C and 25°C

TR0160 2,2,2-Trifluoroethanol, reagent grade

 β,β,β -Trifluoroethyl alcohol


- M = 100,04 g/mol
- CAS [75-89-8]
- Density: 1,38

- Melting point: -43,5 °C
- Boiling point: 73,6 °C
- UN 1993

GHS information: Danger.

 H301 - H318 - H226 - H373 - H312 - H332 - H315
 P301+P310 - P303+P361+P353 - P305+P351+P338 -
 P310 - P405 - P501a

Packaging Code

500 ml TR01600500

Store between 15°C and 25°C

assay (G.C.) min. 99 %

1,2,3-Trihydroxybenzene. See Pyrogallol page 253

3,4,5-Trihydroxybenzoic acid. See Gallic acid monohydrate page 132

IS0153 2,2,4-Trimethylpentane, extra pure

Isooctane, Isobutyltrimethylmethane, iso-Octane


- M = 114,26 g/mol
- CAS [540-84-1]
- Density: 0,69

- Melting point: -107 °C
- Boiling point: 99 °C
- UN 1262

GHS information: Danger.

 H225 - H304 - H400 - H410 - H315 - H336
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

Packaging Code

1 l IS01531000

2,5 l IS01532500

5 l IS0153005P

25 l IS0153025A

25 l IS0153025S

Store between 15°C and 25°C

 assay (G.C.) min. 99 %
 non-volatile matter max. 0,001 %
 water (K.F.) max. 0,02 %

IS0154 2,2,4-Trimethylpentane, reagent grade, ACS, Reag. Ph Eur

Isooctane, Isobutyltrimethylmethane, iso-Octane


- M = 114,26 g/mol
- CAS [540-84-1]
- Density: 0,69

- Melting point: -107 °C
- Boiling point: 99 °C
- UN 1262

GHS information: Danger.

 H225 - H304 - H400 - H410 - H315 - H336
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

Packaging Code

1 l IS01541000

2,5 l IS01542500

25 l IS0154025S

Store between 15°C and 25°C

 assay (G.C.) min. 99,5 %
 non-volatile matter max. 0,001 %
 water (K.F.) max. 0,01 %

IS0155 2,2,4-Trimethylpentane, spectroscopy grade, Spectrosol®

Isooctane, Isobutyltrimethylmethane, iso-Octane


- M = 114,26 g/mol
- CAS [540-84-1]
- Density: 0,69

- Melting point: -107 °C
- Boiling point: 99 °C
- UN 1262

GHS information: Danger.

 H225 - H304 - H400 - H410 - H315 - H336
 P210 - P241 - P301+P310 - P303+P361+P353 - P405 -
 P501a

Packaging Code

1 l IS01551000

2,5 l IS01552500

Store between 15°C and 25°C

 assay (G.C.) min. 99,8 %
 non-volatile matter max. 0,0002 %
 water (K.F.) max. 0,005 %
 minimum transmission /max. absorbance
 wavelength:
 205 nm 10 % A (AU)
 215 nm 50 % 0,301 AU
 225 nm 80 % 0,097 AU
 235 nm 90 % 0,046 AU
 255 nm 98 % 0,009 AU

IS0156 2,2,4-Trimethylpentane, HPLC grade



Isooctane, Isobutyltrimethylmethane, iso-Octane

C_8H_{18} • M = 114,26 g/mol • CAS [540-84-1] • Density: 0,69	• Melting point: -107 °C • Boiling point: 99 °C • UN 1262	GHS information: Danger.	Packaging Code 1 l ISO1561000 2,5 l ISO1562500 7 l ISO156007E 25 l ISO156025S
		H225 - H304 - H400 - H410 - H315 - H336	
		P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	
		P501a	

Store between 15°C and 25°C

assay (G.C.).....	min. 99,5 %
non-volatile matter.....	max. 0,0002 %
water (K.F.).....	max. 0,01 %
min. transmission/max. absorbance	
wavelength:	T(%) A (AU)
205 nm.....	20 % 0,699 AU
209 nm.....	50 % 0,301 AU
228 nm.....	90 % 0,046 AU
Microfiltered through membranes	
of pore diameter 0,22 µm	

IS0157 2,2,4-Trimethylpentane, for GC residue analysis



Isooctane, Isobutyltrimethylmethane, iso-Octane

C_8H_{18} • M = 114,26 g/mol • CAS [540-84-1] • Density: 0,69	• Melting point: -107 °C • Boiling point: 99 °C • UN 1262	GHS information: Danger.	Packaging Code 1 l ISO1571000 2,5 l ISO1572500
		H225 - H304 - H400 - H410 - H315 - H336	
		P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	
		P501a	

Store between 15°C and 25°C

assay (G.C.).....	min. 99,8 %
Suitable for organohalogenated	
pesticide and dioxins, furans and PCBs	
residue analysis	
Suitable for highly volatile halogenated	
hydrocarbons trace analysis	
Suitable for pesticide and polycyclic	
aromatic hydrocarbons residue analysis	

IS0161 2,2,4-Trimethylpentane, 99,5%, anhydrous (max. 0,003 % H₂O)



Isooctane, Isobutyltrimethylmethane, iso-Octane

C_8H_{18} • M = 114,26 g/mol • CAS [540-84-1] • Density: 0,69	• Melting point: -107 °C • Boiling point: 99 °C • UN 1262	GHS information: Danger.	Packaging Code 100 ml ISO1610100 500 ml ISO1610500 1 l ISO1611000
		H225 - H304 - H400 - H410 - H315 - H336	
		P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	
		P501a	

Store between 15°C and 25°C

assay (G.C.).....	min. 99,5 %
water (K.F.).....	max. 0,003 %

IS0164 2,2,4-Trimethylpentane, 99,5%, anhydrous (max. 0,003 % H₂O), with molecular sieves



Isooctane, Isobutyltrimethylmethane, iso-Octane

C_8H_{18} • M = 114,26 g/mol • CAS [540-84-1] • Density: 0,69	• Melting point: -107 °C • Boiling point: 99 °C • UN 1262	GHS information: Danger.	Packaging Code 1 l ISO1641000
		H225 - H304 - H400 - H410 - H315 - H336	
		P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	
		P501a	

Store between 15°C and 25°C

assay (G.C.).....	min. 99,5 %
water (K.F.).....	max. 0,003 %

IS0160 2,2,4-Trimethylpentane, ASTM



Isooctane, Isobutyltrimethylmethane, iso-Octane

C_8H_{18} • M = 114,26 g/mol • CAS [540-84-1] • Density: 0,69	• Melting point: -107 °C • Boiling point: 99 °C • UN 1262	GHS information: Danger.	Packaging Code 200 l ISO160200L
		H225 - H304 - H400 - H410 - H315 - H336	
		P210 - P241 - P301+P310 - P303+P361+P353 - P405 -	
		P501a	

Store between 15°C and 25°C

assay (G.C.).....	min. 99,75 %
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Trinitrophenol. See Picric acid page 225

Trish

TR0422 Tris-(hydroxymethyl)-aminomethane, extra pure, Ph Eur, BP

2-Amino-2-(hydroxymethyl)-1,3-propanediol, Tromethamine, THAM, TRIS buffer

$C_4H_{11}NO_3$

- M = 121,14 g/mol
- CAS [77-86-1]

- Melting point: 172 - 173 °C
- Boiling point: (13,3 hPa) 219 - 220 °C

assay (acidimetric, on dried substance).....

residual solvents class 3 (Ph Eur/ICH)....

other residual solvents (Ph Eur/ICH).....

99 - 100,5 %

max. 0,5 %

excluded by production process

bright elongate crystals, colourless

Store between 15°C and 25°C

Packaging

250 g

1 kg

Code

TR04220250

TR04221000

TR0423 Tris-(hydroxymethyl)-aminomethane, buffer substance, reagent grade,

2-Amino-2-(hydroxymethyl)-1,3-propanediol, Tromethamine, THAM, TRIS buffer

$C_4H_{11}NO_3$

- M = 121,14 g/mol
- CAS [77-86-1]

- Melting point: 172 - 173 °C
- Boiling point: (13,3 hPa) 219 - 220 °C

assay (acidimetric, on dried sample).....

99,8 - 100,1 %

bright elongate crystals, colourless

Store between 15°C and 25°C

Packaging

100 g

250 g

1 kg

5 kg

Code

TR04230100

TR04230250

TR04231000

TR0423005P

TR0427 Tris-(hydroxymethyl)-aminomethane, secondary standard for volumetric titrations, Titrasure®

2-Amino-2-(hydroxymethyl)-1,3-propanediol, Tromethamine, THAM, TRIS buffer

$C_4H_{11}NO_3$

- M = 121,14 g/mol
- CAS [77-86-1]

- Melting point: 172 - 173 °C
- Boiling point: (13,3 hPa) 219 - 220 °C

assay (on dried sample).....

99,8 - 100,1 %

Store between 15°C and 25°C

Traceable to SRM from NIST

Packaging

80 g

Code

TR04270080

TR0424 Tris-(hydroxymethyl)-aminomethane, molecular biology grade

2-Amino-2-(hydroxymethyl)-1,3-propanediol, Tromethamine, THAM, TRIS buffer

$C_4H_{11}NO_3$

- M = 121,14 g/mol
- CAS [77-86-1]

- Melting point: 172 - 173 °C
- Boiling point: (13,3 hPa) 219 - 220 °C

assay (acidimetric, on dried sample).....

DNases, RNases, Proteases

min. 99 %

non detected

bright elongate crystals, colourless

Store between 15°C and 25°C

Packaging

100 g

500 g

1 kg

5 kg

Code

TR04240100

TR04240500

TR04241000

TR0424005P

Tris(hydroxymethyl)aminomethane hydrochloride. See TRIS-HCl page 338

TR0425 Tris-HCl, molecular biology grade

Tris(hydroxymethyl)aminomethane hydrochloride

$C_4H_{11}NO_3 \cdot HCl$

- M = 157,60 g/mol
- CAS [1185-53-1]

- Melting point: 150 °C

assay (argentometric, on dried sample)

DNases, RNases, Proteases

min. 99 %

non detected

Store between 15°C and 25°C

Packaging

100 g

1 kg

5 kg

Code

TR04250100

TR04251000

TR0425005P

TR0444 Triton® X-100, extra pure*Octylphenol decaethylene glycol ether, Polyethylene glycol mono*

- M = 646,37 g/mol
- CAS [9002-93-1]
- Density: 1,07

- Melting point: 6 °C
- Boiling point: 270 °C

GHS information: Danger.

H318 - H302

P280 - P264 - P305+P351+P338 - P310 - P301+P312 - P501a

Packaging Code

1 l TR044441000

5 l TR0444005P

Store between 15°C and 25°C

assay (iodometric) min. 98 %

TR0447 Triton® X-100, molecular biology grade*Octylphenol decaethylene glycol ether, Polyethylene glycol mono*

- M = 646,37 g/mol
- CAS [9002-93-1]
- Density: 1,07

- Melting point: 6 °C
- Boiling point: 270 °C

GHS information: Danger.

H318 - H302

P280 - P264 - P305+P351+P338 - P310 - P301+P312 - P501a

Packaging Code

50 ml TR04470050

Store between 15°C and 25°C

assay (iodometric) min. 98 %
DNases, RNases, Proteases non detected**TR0400 L-Tryptophan, extra pure, Ph Eur, BP, USP***(S)-α-Amino-1H-indole-3-propanoic acid*

- M = 204,23 g/mol
- CAS [73-22-3]

- Melting point: 290 °C (decomposes)

assay (titr. with HClO₄, ref. to

residual solvents(Ph Eur).....

excluded by
production process

amorphous powder, white

Store between 15°C and 25°C

Packaging Code

25 g TR04000025

100 g TR04000100

TU0020 Tungsten, approx. 99,5%, powder**W**

- M = 183,85 g/mol
- CAS [7440-33-7]

- Melting point: 3370 °C
- Boiling point: ~ 5930 °C

Packaging Code

100 g TU00200100

250 g TU00200250

TW0020 Tween® 20, synthesis grade*Polysorbate*

- M = 1227,72 g/mol
- CAS [9005-64-5]

- Density: 1,11
- Boiling point: > 100 °C

Packaging Code

250 ml TW00200250

1 l TW00201000

5 l TW0020005P

Store between 15°C and 25°C

TW0022 Tween® 20, molecular biology grade*Polysorbate*

- M = 1227,72 g/mol
- CAS [9005-64-5]

- Density: 1,11
- Boiling point: > 100 °C

Packaging Code

100 ml TW00220100

DNases, RNases, Proteases non detected

Store between 15°C and 25°C

Tween

TW0040 Tween® 40, extra pure

Polysorbate



• CAS [9005-66-7] • Density: 1,09

Packaging Code
250 ml TW00400250
1 l TW00401000

Store between 15°C and 25°C

TW0060 Tween® 60, synthesis grade

Polysorbate



• CAS [9005-67-8] • Boiling point: > 100 °C
• Density: 1,08

Packaging Code
250 ml TW00600250
1 l TW00601000

Store between 15°C and 25°C

TW0080 Tween® 80, synthesis grade

Polysorbate



• CAS [9005-65-6] • Boiling point: > 100 °C
• Density: (25 °C) 1,07

Packaging Code
250 ml TW00800250
1 l TW00801000

Store between 15°C and 25°C

TI0320 DL-Tyrosine, extra pure

3-(4-Hydroxyphenyl)-DL-alanine



• M = 181,19 g/mol • Melting point: 297 - 298 °C
• CAS [556-103-6] (decomposes)

assay (titr. with HClO4)..... min. 98 %

Packaging Code
5 g TI03200005
25 g TI03200025

Store between 15°C and 25°C

TI0325 L-Tyrosine, extra pure, Ph Eur, BP, USP

3-(4-Hydroxyphenyl)-L-alanine



• M = 181,19 g/mol • Melting point: 297 - 298 °C
• CAS [60-18-4] (decomposes)

assay (titr. with HClO4, on
dried substance)..... 99 - 101 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging Code
100 g TI03250100
250 g TI032500250

Store between 15°C and 25°C

AC3195 Undecylenic acid, extra pure, Ph Eur, BP, USP



10-Undecenoic acid



• M = 184,28 g/mol • Melting point: 24 °C
• CAS [112-38-9] • Boiling point: 275 °C
• Density: 0,91

GHS information: Warning.
H315 - H319 - H412
P280 - P273 - P305+P351+P338 - P321 - P362 -
P501a

Packaging Code
250 ml AC31950250
1 l AC31951000

Store between 15°C and 25°C

assay (acidimetric)..... 97 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

UR0130 Urea, synthesis grade*Carbamide, Carbonyldiamide*

• M = 60,06 g/mol
• CAS [57-13-6]

• Melting point: 132,5 - 134,5 °C

assay (DSC)..... min. 99 %

Store between 5°C and 30°C

Packaging Code

500 g  UR01300500
1 kg  UR01301000

UR0131 Urea, reagent grade, ACS*Carbamide, Carbonyldiamide*

• M = 60,06 g/mol
• CAS [57-13-6]

• Melting point: 132,5 - 134,5 °C

assay (titr. with HClO_4)..... 99 - 100,5 %

Store between 5°C and 30°C

Packaging Code

500 g  UR01310500
1 kg  UR01311000
5 kg  UR0131005P

UR0133 Urea, molecular biology grade*Carbamide, Carbonyldiamide*

• M = 60,06 g/mol
• CAS [57-13-6]

• Melting point: 132,5 - 134,5 °C

assay (DSC)..... min. 99,5 %
DNases, RNases, Proteases non detected

Store between 5°C and 30°C

Packaging Code

100 g  UR01330100
500 g  UR01330500
2,5 kg  UR01332500
5 kg  UR0133005P

VA0055 L-Valine, extra pure, Ph Eur, BP, USP*2-Aminoisovaleric acid, (S)-2-Amino-3-methylbutanoic acid*

• M = 117,15 g/mol
• CAS [72-18-4]

• Melting point: ~ 315 °C

assay (titr. with HClO_4 , on.....
dried substance).....
residual solvents (Ph Eur/ICH).....

98,5 - 101 %
excluded by
production process

Store between 15°C and 25°C

Packaging Code

25 g  VA00550025
100 g  VA00550100

Van Soets' neutral detergent fibre reagent. See Neutral detergent fibre reagent page 201

VA0025 Vanillin, extra pure*4-Hydroxy-3-methoxybenzaldehyde*

• M = 152,15 g/mol
• CAS [121-33-5]

• Melting point: ~ 82 °C
• Boiling point: (13 hPa) ~ 154 °C

GHS information: Warning.
H302

P264 - P270 - P301+P312 - P330 - P501a

Packaging Code

100 g  VA00250100
250 g  VA00250250

Store between 15°C and 25°C

assay (acidimetric, referred to dried
substance) 99 - 101 %

VA0150 Vaseline, white, synthesis grade

• CAS [8009-03-8]

• Melting point: 40 - 60 °C

Packaging Code

250 g  VA01500250
1 kg  VA01501000
5 kg  VA0150005P
25 kg  VA0150025P

Vasel

AC0030 Vaseline oil, extra pure, Ph Eur, BP, USP

Paraffin liquid, White Oil

- CAS [8012-95-1]
- Melting point: ~ -12°C
- Density: (15°C) 0,86 - 0,87

residual solvents (Ph Eur/ICH)..... excluded by
production process

Packaging	Code
1 l	AC00301000
2,5 l	AC00302500
5 l	AC0030005P
25 l	AC0030025P

VE0200 Vermiculite

Hydrated magnesium-aluminum-iron silicate

- CAS [1318-00-9]
- Melting point: ~1300 °C

Packaging	Code
5 kg	VE0200005P
25 kg	VE0200025P

AZ0345 Victoria blue B, C.I. 44045, for microscopy



Basic blue 26



- M = 506,09 g/mol
- Melting point: 206 °C
- CAS [2580-56-5]

GHS information: Warning.
H302
P264 - P270 - P301+P312 - P330 - P501a

Packaging	Code
10 g	AZ03450010
25 g	AZ03450025

powder, reddish-brown
Store between 15°C and 25°C

Vinylbenzene. See Styrene page 309

VI0150 Vitamin B, hydrochloride, Ph Eur, BP, USP

Thiamine hydrochloride, Aneurine hydrochloride



- M = 337,27 g/mol
- Melting point: ~ 248 °C
- CAS [67-03-8]

Packaging	Code
25 g	VI01500025

Store between 15°C and 25°C

VI0160 Vitamin B₂, Ph Eur, USP

Lactoflavine, Riboflavine



- M = 376,37 g/mol
- Melting point: ~ 280 °C
(decomposes)
- CAS [83-88-5]

Packaging	Code
100 g	VI01600100

Store between 15°C and 25°C

VI0180 Vitamin B₆ hydrochloride

Adermine hydrochloride, Pyridoxine hydrochloride



- M = 205,64 g/mol
- Melting point: 202 - 206 °C
- CAS [58-56-0]

Packaging	Code
10 g	VI01800010

Store between 5°C and 30°C

Vitamin C. See L(+)-Ascorbic acid page 32

AG0003 Water, deionized, extra pure

H₂O

- M = 18,02 g/mol
- CAS [7732-18-5]
- Density: 1,00
- Melting point: 0 °C
- Boiling point: 100 °C

Store between 15°C and 25°C

Packaging	Code
5 l	AG0003005P
25 l	AG0003025P
60 l	AG0003060P

AG0002 Water, reagent grade

H₂O

- M = 18,02 g/mol
- CAS [7732-18-5]
- Density: 1,00
- Melting point: 0 °C
- Boiling point: 100 °C

conductivity (25 °C)..... max. 1 µS/cm

Store between 15°C and 25°C

Packaging	Code
1 l	AG00021000
2,5 l	AG00022500
5 l	AG0002005P
25 l	AG0002025P
60 l	AG0002060P

AG0001 Water, gradient HPLC grade

H₂O

- M = 18,02 g/mol
- CAS [7732-18-5]
- Density: 1,00
- Melting point: 0 °C
- Boiling point: 100 °C

conductivity (25 °C)..... max. 1 µS/cm
gradient elution; maximum absorption of
the largest eluted peaks:
at 210 nm..... 0,01 AU
at 254 nm..... 0,001 AU
Microfiltered through membranes
of pore diameter 0,22 µm
suitable for UPLC

Store between 15°C and 25°C

Packaging	Code
1 l	AG00011000
2,5 l	AG00012500

AG0006 Water, LC-MS

H₂O

- M = 18,02 g/mol
- CAS [7732-18-5]
- Density: 1,00
- Melting point: 0 °C
- Boiling point: 100 °C

conductivity (25 °C)..... max. 1 µS/cm
suitability for use in LC-MS..... passes test
min. transmission/max. absorbance
wavelength: T(%) A (AU)
200 nm..... 95 % 0,022 AU
230 nm..... 99 % 0,004 AU
gradient grade (210 nm)..... max. 0,005 AU
maximum peak absorbance.....
gradient grade (254 nm)..... max. 0,001 AU
maximum peak absorbance.....
Microfiltered through membranes
of pore diameter 0,22 µm

Store between 15°C and 25°C

Packaging	Code
1 l	AG00061000

AG0014 Water, GC head space grade

H₂O

- M = 18,02 g/mol
- CAS [7732-18-5]
- Density: 1,00
- Melting point: 0 °C
- Boiling point: 100 °C

conductivity at 25°C..... max. 1 µS/cm
Packed under inert gas
Suitable for residual solvents
analysis

Store between 15°C and 25°C

Packaging	Code
1 l	AG00141000

AG0009 Water with 0,1% acetic acid, LC-MS

- Density: ~ 1,00

Store between 15°C and 25°C

acetic acid content (v/v)..... 0,093 - 0,107 %
suitability for use in LC-MS..... passes test

Packaging	Code
1 l	AG00091000

Water

AG0010 Water with 0,1% ammonium acetate, LC-MS

• Density: ~ 1,00	Packaging Code
Store between 15°C and 25°C	1 l AG00101000
ammonium acetate content (w/v).....	0,093 - 0,107 %
suitability for use in LC-MS.....	passes test

AG0008 Water with 0,1% formic acid, LC-MS

• Density: ~ 1,00	Packaging Code
Store between 15°C and 25°C	1 l AG00081000
formic acid content (v/v).....	0,093 - 0,107 %
suitability for use in LC-MS.....	passes test

AG0007 Water with 0,1% trifluoroacetic acid, LC-MS

• Density: ~ 1,00	Packaging Code
Store between 15°C and 25°C	1 l AG00071000
trifluoroacetic acid content (v/v).....	0,093 - 0,107 %
suitability for use in LC-MS.....	passes test

RE0070 Wijs solution, ICI solution 0,1 mol/l (0,2 N)

ICI	GHS information: Danger.	Packaging Code
• Density: 1,06	H226 - H312 - H314	500 ml RE00700500
• UN 2920	P210 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	1 l RE00701000
Store between 15°C and 25°C		

Wolframium. See Tungsten page 339

XG0010 X-Gal, for biochemical purposes

5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside	GHS information: Warning.	Packaging Code
C ₁₄ H ₁₅ BrClNO ₆	H226 - H312 - H332	100 mg XI00251000
• M = 408,64 g/mol	P261 - P280 - P322 - P301+P312 - P304+P340 - P501a	500 mg XG0010.500
• CAS [7240-90-6]		
• Melting point: 230 °C		
• UN 1307		
Store between 2°C and 8°C		

XI0025 o-Xylene, extra pure, Reag. Ph Eur

1,2-Dimethylbenzene	GHS information: Warning.	Packaging Code
C ₈ H ₁₀	H226 - H312 - H332 - H315	1 l XI00251000
• M = 106,17 g/mol	P210 - P241 - P261 - P303+P361+P353 - P321 - P501a	2,5 l XI00252500
• CAS [95-47-6]		
• Density: 0,88		
• Melting point: > -34 °C		
• Boiling point: 144,4 °C		
• UN 1307		
assay (G.C.)	min. 99 %	

XI0050 Xylene, mixture of isomers, synthesis grade

Dimethylbenzene, Xylol	GHS information: Warning.	Packaging Code
C ₈ H ₁₀	H226 - H312 - H332 - H315	1 l XI00501000
• M = 106,17 g/mol	P210 - P241 - P261 - P303+P361+P353 - P321 - P501a	2,5 l XI00502500
• CAS [1330-20-7]		5 l XI0050005P
• Density: 0,86		25 l XI0050025P
• Melting point: > -34 °C		
• Boiling point: 137 - 143 °C		
• UN 1307		
total isomer content (G.C.).....	min. 99 %	

XI0051 Xylene, mixture of isomers, extra pure



Dimethylbenzene, Xylol



- M = 106,17 g/mol
- CAS [1330-20-7]
- Density: 0,86

- Melting point: > -34 °C
- Boiling point: 137 - 143 °C
- UN 1307

GHS information: Warning.

H226 - H312 - H332 - H315

P210 - P241 - P261 - P303+P361+P353 - P321 - P501a

total isomer content (G.C.).....	min. 98 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,05 %

Packaging Code

1 l	📦	XI00511000
2,5 l	📦	XI00512500
5 l	📦	XI0051005L
25 l	📦	XI0051025A
25 l	📦	XI0051025S

XI0057 Xylene, mixture of isomers, analytical grade, ACS



Dimethylbenzene, Xylol



- M = 106,17 g/mol
- CAS [1330-20-7]
- Density: 0,86

- Melting point: > -34 °C
- Boiling point: 137 - 143 °C
- UN 1307

GHS information: Warning.

H226 - H312 - H332 - H315

P210 - P241 - P261 - P303+P361+P353 - P321 - P501a

total content of C8H10 isomers (G.C.)....	min. 99 %
non-volatile matter.....	max. 0,001 %
water (K.F.).....	max. 0,03 %

Packaging Code

1 l	📦	XI00571000
2,5 l	📦	XI00572500
5 l	📦	XI0057005L
7 l	📦	XI0057007E
25 l	📦	XI0057025A
25 l	📦	XI0057025S

XI0055 Xylene, mixture of isomers, reagent grade, ACS, Reag. Ph Eur



Dimethylbenzene, Xylol



- M = 106,17 g/mol
- CAS [1330-20-7]
- Density: 0,86

- Melting point: > -34 °C
- Boiling point: 137 - 143 °C
- UN 1307

GHS information: Warning.

H226 - H312 - H332 - H315

P210 - P241 - P261 - P303+P361+P353 - P321 - P501a

total assay of C8H10 isomers (G.C.).....	min. 99 %
non-volatile matter.....	max. 0,0005 %
water (K.F.).....	max. 0,01 %

Packaging Code

1 l	📦	XI00551000
2,5 l	📦	XI00552500
25 l	📦	XI0055025S

XI0059 Xylene, mixture of isomers, Multisolvant® ACS



Dimethylbenzene, Xylol



- M = 106,17 g/mol
- CAS [1330-20-7]
- Density: 0,86

- Melting point: > -34 °C
- Boiling point: 137 - 143 °C
- UN 1307

GHS information: Warning.

H226 - H312 - H332 - H315

P210 - P241 - P261 - P303+P361+P353 - P321 - P501a

total content of C8H10 isomers (G.C.)....	min. 99 %
non-volatile matter.....	max. 0,0003 %
water (K.F.).....	max. 0,01 %

Packaging Code

1 l	📦	XI00591000
2,5 l	📦	XI00592500
7 l	📦	XI0059007E
25 l	📦	XI0059025S

XI0058 Xylene, mixture of isomers, for liquid scintillation, Normascint®



Dimethylbenzene, Xylol



- M = 106,17 g/mol
- CAS [1330-20-7]
- Density: 0,86

- Melting point: > -34 °C
- Boiling point: 137 - 143 °C
- UN 1307

GHS information: Warning.

H226 - H312 - H332 - H315

P210 - P241 - P261 - P303+P361+P353 - P321 - P501a

Packaging Code

2,5 l	📦	XI00582500
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XI0052 Xylene, mixture of isomers, for histology



Dimethylbenzene, Xylol



- M = 106,17 g/mol
- CAS [1330-20-7]
- Density: 0,86

- Melting point: > -34 °C
- Boiling point: 137 - 143 °C
- UN 1307

GHS information: Warning.

H226 - H312 - H332 - H315

P210 - P241 - P261 - P303+P361+P353 - P321 - P501a

total content of C8H10 isomers (G.C.)....	min. 99 %
benzene (G.C.).....	max. 0,1 %

Packaging Code

1 l	📦	XI00521000
5 l	📦	XI0052005L

Xylen

AN0090 Xylenol orange, tetrasodium salt, indicator for metal titration, ACS

3',3''-Bis[bis(carboxymethyl)-aminoethyl] cresol sulfone phthane sodium salt

$C_{31}H_{28}N_2Na_4O_{13}S$

• M = 760,60 g/mol

• CAS [3618-43-7]

Store between 15°C and 25°C

Packaging Code

1 g AN00900001

5 g AN00900005

Xylol. See Xylene, mixture of isomers page 344

XI0079 D(+)-Xylose, synthesis grade

Wood sugar

$C_5H_{10}O_5$

• M = 150,13 g/mol

• Melting point: 154 °C

• CAS [58-86-6]

assay..... min. 98 %

crystals, colourless or white

Store between 15°C and 25°C

Packaging Code

100 g XI00790100

250 g XI00790250

XI0080 D(+)-Xylose, extra pure, Ph Eur, BP

Wood sugar

$C_5H_{10}O_5$

• M = 150,13 g/mol

• Melting point: 154 °C

• CAS [58-86-6]

assay..... min. 99 %
residual solvents (Ph Eur/ICH)..... excluded by
production process

crystals, colourless or white

Store between 15°C and 25°C

Packaging Code

100 g XI00800100

250 g XI00800250

1 kg XI00801000

Ziehl's fuchsin basic, carbol solution. See Fuchsin basic, carbol solution, according to Ziehl page 132

CI0145 Zinc, powder, extra pure



Zn

• M = 65,38 g/mol

• Boiling point: 908 °C

• CAS [7440-66-6]

• UN 1436

• Melting point: 420 °C

GHS information: Danger.

H250 - H260 - H400 - H410

P210 - P222 - P231+P232 - P280 - P422a - P501a

assay (complexometric)..... min. 97 %

floury powder, grey

Store between 15°C and 25°C

Packaging Code

500 g CI01450500

1 kg CI01451000

5 kg CI0145005P

CI0150 Zinc acetate dihydrate, extra pure, Ph Eur, BP, USP



Acetic acid zinc salt dihydrate

$Zn(CH_3COO)_2 \cdot 2H_2O$

• M = 219,49 g/mol

• Melting point: ~ 100 °C

• CAS [5970-45-6]

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (complexometric)..... 99 - 101 %
residual solvents(Ph Eur/ICH) class 3 max. 0.5 %
other residual solvents(USP)..... excluded by
production process

Packaging Code

500 g CI01500500

1 kg CI01501000

5 kg CI0150005P

25 kg CI0150025P

CI0151 Zinc acetate dihydrate, reagent grade, ACS, Reag. Ph Eur



Acetic acid zinc salt dihydrate

$Zn(CH_3COO)_2 \cdot 2H_2O$

• M = 219,49 g/mol

• Melting point: ~ 100 °C

• CAS [5970-45-6]

GHS information: Warning.

H302

P264 - P270 - P301+P312 - P330 - P501a

assay (complexometric)..... 99,5 - 101 %

Packaging Code

500 g CI01510500

1 kg CI01511000

5 kg CI0151005P

25 kg CI0151025P

CI0159 Zinc chloride, synthesis grade



ZnCl₂	• M = 136,28 g/mol • CAS [7646-85-7] • Melting point: 318 °C	• Boiling point: 730 °C • UN 2331	GHS information: Danger. H314 - H400 - H410 - H302 P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a Packaging Code 2,5 kg CI01592500
powder, white or almost white Store between 15°C and 25°C	assay (complexometric) min. 97 %		

CI0160 Zinc chloride, extra pure, Ph Eur, BP, USP



ZnCl₂	• M = 136,28 g/mol • CAS [7646-85-7] • Melting point: 318 °C	GHS information: Danger. H314 - H400 - H410 - H302 P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	Packaging Code 500 g CI01600500 1 kg CI01601000 5 kg CI0160005P 25 kg CI0160025P
powder, white or almost white Store between 15°C and 25°C	assay (complexometric)..... 95 - 100,5 % residual solvents (Ph Eur/ICH)..... excluded by production process		

CI0162 Zinc chloride, reagent grade, ACS, ISO, Reag. Ph Eur



ZnCl₂	• M = 136,28 g/mol • CAS [7646-85-7] • Melting point: 318 °C	GHS information: Danger. H314 - H400 - H410 - H302 P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	Packaging Code 250 g CI01620250 1 kg CI01621000
Store between 15°C and 25°C	assay (complexometric)..... min. 98 %		

CI0155 Zinc chloride, molecular biology grade



ZnCl₂	• M = 136,28 g/mol • CAS [7646-85-7] • Melting point: 318 °C	GHS information: Danger. H314 - H400 - H410 - H302 P260 - P303+P361+P353 - P305+P351+P338 - P310 - P405 - P501a	Packaging Code 50 g CI01550050
powder, white or almost white Store between 15°C and 25°C	assay (complexometric)..... min. 98 % DNases, RNases, Proteases passes test		

CI0170 Zinc dibenzylidithiocarbamate, synthesis grade

Dibenzylidithiocarbamic acid zinc salt

C₃₀H₂₈N₂S₄Zn	• M = 610,20 g/mol • CAS [14726-36-4]	• Boiling point: 730 °C • UN 2331	Packaging Code 25 g CI01700025 100 g CI01700100 500 g CI01700500
Store between 15°C and 25°C	assay (complexometric)..... min. 98 %		

CI0185 Zinc nitrate hexahydrate, reagent grade



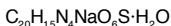
Nitric acid zinc salt hexahydrate

Zn(NO₃)₂·6H₂O	• M = 297,51 g/mol • CAS [10196-18-6]	GHS information: Danger. H272 P221 - P210 - P220 - P280 - P370+P378a - P501a	Packaging Code 500 g CI01850500 1 kg CI01851000 5 kg CI0185005P 25 kg CI0185025P
humid crystals, colourless or white Hygroscopic	assay (complexometric)..... 98,5 - 102 %		

Zinco

CI0225 Zincon, for the photometric determination of copper and zinc

2- $\{[\alpha-(2\text{-Hydroxy-5-sulfophenylazo})\text{benzylidene}]\text{-hydrazino}\}$ -benzoic acid



• M = 480,43 g/mol
• CAS [135-52-4]

• Melting point: ~ 250 °C

Store between 15°C and 25°C

Packaging Code
1 g CI02250001
5 g CI02250005

CI0195 Zinc oxide, extra pure, Ph Eur, BP, USP



ZnO

• M = 81,37 g/mol
• CAS [1314-13-2]

• Melting point: ~ 1970 °C
• UN 3077

GHS information: Warning.
H400 - H410
P273 - P391 - P501a

Packaging Code
1 kg CI01951000
5 kg CI0195005P

lumpy powder, white, up to 1 µm

assay (complexometric, on ignited substance)..... 99 - 100,5 %
residual solvents (Ph Eur/ICH)..... excluded by production process

CI0200 Zinc oxide, reagent grade, ACS, Reag. Ph Eur



ZnO

• M = 81,37 g/mol
• CAS [1314-13-2]

• Melting point: ~ 1970 °C
• UN 3077

GHS information: Warning.
H400 - H410
P273 - P391 - P501a

Packaging Code
500 g CI02000500
1 kg CI02001000
5 kg CI0200005P

lumpy powder, white, up to 1 µm

assay (complexometric)..... min. 99,0 %

CI0180 Zinc stearate, extra pure, Ph Eur, BP, USP

Stearic acid zinc salt



• M = 632,33 g/mol
• CAS [557-05-1]

• Melting point: 120 - 122 °C

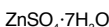
assay (as Zn, complexometric)..... 10 - 12 %
residual solvents (Ph Eur/ICH)..... excluded by production process

Packaging Code
500 g CI01800500
1 kg CI01801000
5 kg CI0180005P
20 kg CI0180020P

CI0206 Zinc sulfate heptahydrate, extra pure, Ph Eur, BP, USP



Sulfuric acid zinc salt heptahydrate, Zinc vitriol



• M = 287,54 g/mol
• CAS [7446-20-0]

• Melting point: ~ 40 °C (decomposes)
• UN 3077

GHS information: Danger.
H318 - H400 - H410 - H302
P280 - P273 - P305+P351+P338 - P310 - P301+P312 - P501a

Packaging Code
500 g CI02060500
1 kg CI02061000
5 kg CI0206005P
25 kg CI0206025P

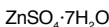
crystals, white

assay (complexometric)..... 99 - 104 %
residual solvents (Ph Eur/ICH)..... excluded by production process

CI0207 Zinc sulfate heptahydrate, reagent grade, ACS, ISO, Reag. Ph Eur



Sulfuric acid zinc salt heptahydrate, Zinc vitriol



• M = 287,54 g/mol
• CAS [7446-20-0]

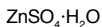
• Melting point: ~ 40 °C (decomposes)
• UN 3077

GHS information: Danger.
H318 - H400 - H410 - H302
P280 - P273 - P305+P351+P338 - P310 - P301+P312 - P501a

Packaging Code
500 g CI02070500
1 kg CI02071000
5 kg CI0207005P
25 kg CI0207025P

crystals, white

assay (complexometric)..... 99,5 - 103,0 %

CI0205 Zinc sulfate monohydrate, synthesis grade*Sulfuric acid zinc salt monohydrate*

- M = 179,45 g/mol
- CAS [7446-19-7]

- Melting point: ~ 740 °C (anhydrous substance)
- UN 3077

GHS information: Danger.

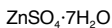
H318 - H400 - H410 - H302

P280 - P273 - P305+P351+P338 - P310 - P301+P312 - P501a

Packaging Code

1 kg CI02051000

assay (complexometric)..... min. 98 %

CI0231 Zinc sulfate, solution 0,1 mol/l

- M = 287,54 g/mol
- CAS [7446-20-0]

- Density: 1,01

GHS information: Warning.

H319 - H412

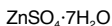
P280 - P273 - P264 - P305+P351+P338 - P337+P313 - P501a

Packaging Code

1 l CI02311000

Store between 15°C and 25°C

Traceable to SRM from NIST

CI0230 Zinc sulfate, solution 0,05 mol/l

- M = 287,54 g/mol
- CAS [7446-20-0]

- Density: 1,00

GHS information: H412

P273 - P501a

Packaging Code

1 l CI02301000

Store between 15°C and 25°C

Traceable to SRM from NIST

Single-use containers

We can offer empty bottles as storage vessels for all types of laboratory reagents and preparations.

Containers for liquids

Single-use containers



1

2

3



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11

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13



14



15



16



17

No.	Description	Units	Art. No.
1.	HDPE bottle with 2,5L cap	Unit	055-RI2500N
2.	HDPE bottle 1L w/cap	Unit	055-RI1000
3.	HDPE bottle 500mL w/cap	Unit	055-RI0500
4.	HDPE bottle 250mL w/cap	Unit	055-RI0250
5.	HDPE bottle 100mL w/cap	Unit	055-RI0100
6.	HDPE 100 mL bottle without cap	Unit	055-PLG100
7.	Dropper cap for 055-PLG100	Unit	055-TAG100
8.	Glass bottle 2,5L w/cap	Unit	055-L-2500
9.	Glass bottle 1L w/cap	Unit	055-L-1000
10.	Glass bottle 500mL w/cap	Unit	055-L-0500
11.	Glass bottle 250mL w/cap	Unit	055-L-0250
12.	Glass bottle 100mL w/cap	Unit	055-L-0100
13.	Glass bottle 4L w/cap	Unit	055-L-4000
14.	Kubiteiner 10L	Unit	055-OCU010
15.	HDPE carboy 25L	Unit	055-25000P
16.	HDPE carboy 5L	Unit	055-05000P
17.	Aluminium container 5L	Unit	055-BA005L

Single-use containers

Containers for liquids (continuation)

No.	Description	Units	Art. No.
18.	Steel drum 25L	Unit	055-BAC25L
19.	Combi drum 25L	Unit	055-0C0025
20.	Metal drum 25L	Unit	055-BM025L
21.	Metal drum 200L	Unit	055-BM200L
22.	Drum HDPE 200L	Unit	055-BP200L
23.	Box for 1 bottle 1L	10 units	055-CC1001
24.	Box for 6 bottles 1L	10 units	055-CC1006
25.	Box for 1 bottle 2,5L	10 units	055-CC2501
26.	Box for 4 bottle 2,5L	10 units	055-CC2504
27.	Bell cap for glass bottles 500mL, 1L, 2,5L and 4L	Unit	055-TAPM02
28.	Cap for glass bottles 500mL, 1L, 2,5L and 4L	Unit	055-TAPM03
29.	Inner pulp rack for 1L bottle	20 units	055-PP1001
30.	Inner pulp rack for 2,5L bottle	20 units	055-PP2501
31.	Inner pulp rack for 6x1L bottle	20 units	055-PP1006
32.	Inner pulp rack for 4x2,5L bottle	20 units	055-PP2504

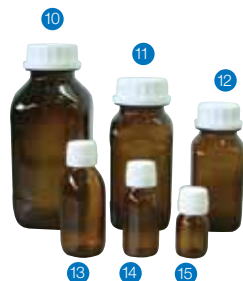


Single-use containers



Single-use containers

Containers for solids



No.	Description	Units	Art. No.
1.	Container 2,5 Kg w/cap	Unit	055-PI2500
2.	Container 1,5 Kg w/cap	Unit	055-PI1500
3.	Container 1 Kg w/cap	Unit	055-PI1000
4.	Container 500 g w/cap	Unit	055-0PI500
5.	Container 250 g w/cap	Unit	055-0PI250
6.	Container 100 g w/cap	Unit	055-0PI150
7.	Plastic container 25 Kg wide-mouth	Unit	055-2500CP
8.	Plastic container 10 Kg wide-mouth	Unit	055-1000CP
9.	Plastic container 5 Kg wide-mouth	Unit	055-0500CP
10.	Glass bottle 1Kg w/cap	Unit	055-VI1000
11.	Glass bottle 500g w/cap	Unit	055-0VI500
12.	Glass bottle 250g w/cap	Unit	055-0VI250
13.	Glass bottle 100g w/cap	Unit	055-0VI125
14.	Glass bottle 50g w/cap	Unit	055-00VI60
15.	Glass bottle 25g w/cap	Unit	055-00VI30
16.	Cap for glass bottles 25 g, 50 g and 100 g	Unit	055-TAPV60
17.	Cap for glass bottles 250 g (DIN 45)	Unit	055-001337
18.	Cap for glass bottles 500 g y 1 Kg (DIN 54)	Unit	055-001312

Single-use containers

Accessories

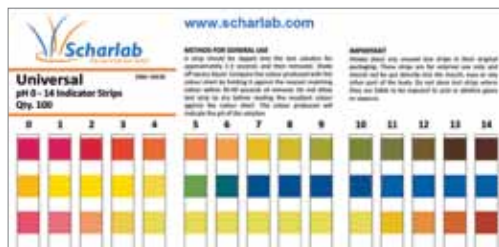
No.	Description	Units	Art. No.
1.	Hand ball pump	Unit	028-0EK07S
	Hand ball pump for 50L steel containers	Unit	028-0EU305
2.	Dispenser, 10-50mL	Unit	033-065.05
	Dispenser, 10-100mL	Unit	033-065.06
3.	Positive pressure extraction system for steel containers (for connection to inert gas tube)	Unit	028-000002
4.	Dispensing block with female quick connectors and safety valve	Unit	649-000019
	Deep pipe for 30L drums	Unit	649-000020
	Deep pipe for 185L drums	Unit	649-000021
	Male quick connectors set	Unit	649-000022
5.	Self-closing tap for 25L safety drums	Unit	113-GR7040
6.	Tap for "Kubiteiner"	Unit	055-GR010C
7.	3/4" brass tap for Combi drum	Unit	202-250001
8.	Drum support for 25L drums	Unit	232-SOPBID
	Bench cap support for 25L drums	Unit	232-SOPSOB
9.	HPLC tap GL 45 with two holes and PTFE disk	Unit	033-00TDOS
10.	Tap for 5L carboys	Unit	055-GR005P
11.	Tap for 25L carboys	Unit	055-GR025P
12.	Tap for 25L metal drum	Unit	055-GR025L
13.	Tap for steel drum 2" opening	Unit	055-GR025B
14.	Drum opening wrench	Unit	055-LLAVEB
15.	Bottle opening wrench	Unit	055-LLAVEF
16.	Carboy opening wrench	Unit	055-LLAVEG
17.	Opening wrench for 185L steel drums	Unit	055-LLAVEM
18.	Adaptor kit to connect dispensers (25, 50 or 100mL) to 5L carboys	Unit	066-AD5L+T
19.	Air valve for 25L safety drum	Unit	113-TAP25S
20.	Screw cap for 25L safety drum	Unit	113-GR7041



Single-use containers

Scharlau pH indicator paper

Scharlau pH indicator paper



Art. No.	Product	Pack
1562-1013C	pH 0-14 indicator strips (non bleeding)	100 strips

Precision test strips

This test strips provide a fast semiquantitative analysis. In just a few seconds you get the concentratrion of the analysed parameter by comparison with the color table. A wide range of parameters both organic and inorganic can be analysed being widely used for rapid ion analysis.



1589PER100 1589ASC100 1589NIT600



1589SUL100 1589AMM625 1589NIT501

Art. No.	Product	Pack
1589AMM625	Ammonia ($\text{NH}_3/\text{NH}_4^+$) (0, 0.5, 1, 3, 6ppm)	25 u.
1589ASC100	Ascorbic acid (0, 100, 200, 500, 1000ppm)	50 u.
1589IRO100	Iron (Fe^{2+} , Fe^{3+}) (0, 2, 5, 10, 25, 50, 100ppm)	50 u.
1589NIT600	Nitrate (0, 10, 25, 50, 100, 250, 500ppm)	50 u.
1589NIT501	Nitrite (0, 0.5, 1, 5, 10, 25ppm)	50 u.
1589PER100	Peroxide (0, 1, 3, 10, 30, 100ppm)	50 u.
1589PHOS10	Phosphate (0, 10, 25, 50, 100ppm)	50 u.
1589SUL100	Sulphite (10, 50, 100, 250, 500ppm)	50 u.
1589JD6000	Quaternary ammonia (100, 200, 400ppm)	100 u.

Dispensers

Scharlab dispenser

› Economic and resistant dispensers

Accuracy: Exact dosage thanks to an improved pumping system. **Chemical compatibility:** the weakest point of a dispenser is usually the joint. A teflon adjusting system makes it compatible with all mediums not corroding teflon or borosilicate glass, virtually all solvents and acids. Exceptions: solutions containing hydrofluoric acid, crystallization solutions, which contain or form solid materials and substances catalysed and amended with platinumiridium.

Oxidizable solutions, inorganic (eg. Biuret reagent) that can precipitate malic oxid.

Purchase affordability: Low price, long life, easy integration of replacement parts.

Safety: safe operation thanks to its ergonomics adapted to daily work.

The high-precision glass cylinder is coated with a synthetic material to prevent injury in case of breakage. Sterilization resistant with autoclaves at 121°C. Suitable for acids and bases. Dismountable for easy cleaning. Two adaptors included.



Specifications

Art. No.	Volume range	Steps	Cap. dead	Precision* (VK)	Accuracy* (CV)	Adaptor GL
033-065.01	0,5 a 2,5mL	0,05mL	0,21mL	±0,6%	≤0,1%	28, S40, 45
033-065.02	1 a 5mL	0,10mL	0,18mL	±0,5%	≤0,1%	28, S40, 45
033-065.03	2 a 10mL	0,20mL	0,17mL	±0,5%	≤0,1%	28, S40, 45
033-065.04	5 a 25mL	0,50mL	1,20mL	±0,5%	≤0,1%	32, 38, 40
033-065.05	10 a 50mL	1,00mL	1,31mL	±0,5%	≤0,1%	32, 38, 40
033-065.06	20 a 100mL	2,00mL	1,21mL	±0,5%	≤0,1%	32, 38, 40

→ *Liquid: Water bidistilled. Reference temperature: 20 to 25°C, stable at ± 0,5°C. Number of measurements: 10, according to DIN EN ISO 8655 / 6. The specifications correspond to the maximum volume.

Accessories

Art. No.	Description	Units
0331671085	Telescopic suction tube. Range: from 220 to 350mm (Picture 1)	1
033-AD5L+T	Kit (consisting of an adaptor for a dispenser to 5 litre can + suction tube) (Picture 2)	1
033-TUBO30	Suction tube 30cm (for dispensers of 25 to 100mL), 8x10mm (Picture 3)	1
033TUBO30P	Suction tube 30cm (dispensers up to 10mL), 6x8mm (Picture 4)	1



Culture media for microbiology

Scharlab S.L. offers its media in two different forms: dehydrated and prepared. The product portfolio also includes dyes in solution, reagents, supplements and additives for culture media as well as rapid confirmation tests.

The quality of our media



Scharlau manufactures its dehydrated and prepared culture media according to its own quality management system which is in accordance with ISO 9001:2000 and also following the requirements of a number of validated methods, standards and microbiological guidelines (ISO, AFNOR, European Pharmacopoeia, USP, FDA, etc.).

We confirm, on an ongoing basis, that the final product meets the predetermined quality criteria, including physical, chemical and biological parameters such as appearance, pH, colour, recovery rate, selectivity, differentiation and microbial load. We also follow the specific criteria for culture media described in different specialised literature (ISO standards, local regulations, etc.).

Furthermore, we apply a comprehensive set of criteria tailored to monitor very closely our production and our quality control processes, which include specifications for the most important parameters such as the quality of the water we use, air quality, traceability of raw materials, equipment, records and training of our staff.

Dehydrated culture media

We have an extensive range of dehydrated culture media that is part of the broad portfolio of media Scharlab S.L. manufactures. Each bottle of dehydrated culture medium is individually wrapped to protect it from dust (Pac-o-Vac®) and the certificate of analysis and guarantee of absence of the causative agent of bovine spongiform encephalopathy in the raw materials of animal origin used in its manufacture is available from our website.

Standard sizes we offer are preweighed sachets (2,5L) and 500g bottle, but we can also provide our media in drums of 5, 10 and 25kg.

We are able to manufacture many more formulations than those mentioned in this catalogue. Please ask for availability of any medium that is not in this catalogue.



Our PAC-O-VAC® packaging

This is an additional outer bag for our dehydrated media made from air-tight transparent plastic material and packed under vacuum. Our Pac-o-Vac® offers protection of the product against moisture, dust particles and microorganisms and prevents the alteration of the physical and organoleptic properties of the product.

This ensures that our products do not alter their properties during prolonged storage, even in unfavourable climate conditions.



Certificate of analysis

Includes pictures in colour of typical growth.



Dehydrated culture media in preweighed sachets

Dehydrated media in sachets are an ideal solution for media used in smaller quantities. The expense of buying a larger 500g bottle is not incurred.

Spoilage of unused medium that may occur when opening a large bottle is also avoided. There is little wastage as the customer is more likely to use 100% of what has been paid for. Valuable time used to weigh the powder can be saved as well as any errors associated with this process.



Shelf life

The normal shelf life of dehydrated media is 4 years from the date of manufacture. Stability studies have allowed us to increase shelf life of several media to 5 years. There are some exceptions, that due to their formula, have a shorter shelf life.

Culture media for microbiology

Dehydrated culture media (continuation)

Additives and supplements in vials



Scharlau offers supplements in ingenious vials that allow the supplement to be added in a simple, fast and convenient way while reducing the risk of contamination. The powdered supplement is inside the cap of the vial and the sterilised diluent is in the vial. A light press on the cap releases the powder into the diluent. After shaking well, the supplement is ready to be added to the sterile, culture medium. Supplied in a strong and resistant box with 10 vials. Storage conditions are usually between 2-8°C and in darkness. The lifetime of the product ranges between 3 and 4 years depending on the product.

Prepared culture media

90mm Petri dishes

Manufactured in clean room under laminar flow class ISO 5 (Class 100). The standard presentation is in units of 5 shrink-wrapped plates up to a total of 20 plates per box. Also available irradiated and with double wrapping. **Shelf life:** 3 months (irradiated sterile plates 4 months).



55mm filtration plates

55mm plates prepared with a solid medium, to be used in the membrane filtration technique. Commonly used in the study of the pollution of water and liquids in general. Manufactured in clean room under laminar flow class ISO 5 (Class 100). These plates come in a blister pack of 6 plates each. This way plates can be individually compartmentalized. Each box comes packed with 5 blisters making a total of 30 plates. Finally, each blister comes wrapped in a cellophane bag. **Shelf life:** 6 months.



Contac plates

Plates for control tests on surfaces. Manufactured in a clean room under laminar flow class ISO 5 (Class 100). These plates come in a blister pack of 6 plates each. In this way each plate can be individually compartmentalized. Each box contains a total of 5 blister packs with a total of 30 plates. Finally each blister pack comes wrapped in a cellophane bag. Double or triple packaging is possible. **Shelf life:**



New freeze-dried supplements



New in this catalogue are the supplements in freeze dried form. Less practical than our unique press-shake-use vials but more economical.

Noteworthy the fact that we offer the necessary and sterilised solvents along with the supplements. This enables the user to start with the dissolution of the supplement immediately, saving him from the tedious work of measuring and sterilising the solvents.

6 months (All plates in this presentation are irradiated as long as the nature of the media allows so).

Agars in flasks

Agars in flasks to be re-melted with no loss of nutritional capacity or changes in pH. They come with a new metallic cap suitable for microwave re-melting. Available in volumes of 100mL and 200mL in boxes of 10 units. Removable label for easy data transfer. **Shelf life:** 12 months.



Broths in flasks

Broths in flasks are subjected to a process of filtration before bottling and sterilization, to obtain very clear media. Standard presentation with a new extremely air-tight metallic cap. The media destined for the control of sterility carry a cap with septum. Available in volumes of 90, 100, 200 and 225mL in boxes of 10 units. Transparent label for better observation of the results. **Shelf life:** 12 months.



Tubes with solid media

Tubes with agar to be re-melted without loss of nutritional capacity or changes in pH. The content of each tube is enough to fill a Petri dish of 90mm, which makes this product suitable for mass inoculation. They come with a new metallic cap suitable for microwave re-melting. Each vial contains 15mL and is available



Culture media for microbiology

in boxes of 20 units. **Shelf life:** 12 months. Also available in boxes of 20 tubes: double concentrated media, slanted agar media, etc.

Tubes with liquid media

Tubes which contain media and have a metallic cap with a special seal that guarantees the sterility and stability of the product. Our filling system guarantees a minimal deviation of the amount to be filled, which is very important to obtain accurate and reproducible results when working with the MPN (Most Probable Number) technique or in routine dilutions. Available in volumes of 2, 5, 10 and 19mL in boxes of 20 units. **Shelf life:** 12 months.



Broths and diluents in bags (FlexiBags)

This is a packaging designed for laboratories in microbiological food control with a large number of samples.

Its most outstanding advantages are:

- Product is ready for use
- Cost efficient
- Safe
- Generates less waste

Dosage: The desired volume of sterile medium is dispensed by means of commercially available gravimetric dilutors. **Connection:** By means of a reusable stainless steel needle which is connected aseptically to the bag through a septum. Available in 3 sizes: 2, 3 and 5 litres.

Shelf life: 9 months.



Storage of prepared media

We recommend storage at room temperature, with no need for refrigeration, since our products are manufactured following a production system that guarantees maximum quality and stability of the product throughout its shelf life due to a number of strict processes that our products have undergone:

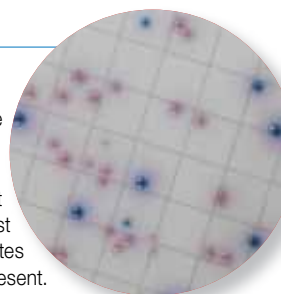
- Rigorous control of sterilization temperatures.
- Precision in the weighing of the ingredients and of the media.
- Homogeneity of lots due to a strictly monitored manufacturing system.
- Excellent recovery of test organisms.
- Packaging specially designed to maintain optimal moisture conditions throughout the life of the product.
- Maintenance of the physical and chemical conditions of the media: pH, colour, moisture, etc., throughout its life.

› **Scharlau also publishes a “Handbook of Microbiological Culture Media”.** Please ask for your copy or download product specific data sheets from our website.



› NEW CCA AGAR

Chromogenic Coliform Agar is a selective and chromogenic medium for the detection and direct identification of *E. coli* and total coliforms in 24 hours. It allows direct differentiation between coliforms from the rest of the microbial flora and it also differentiates between *E. coli* and the rest of coliforms present.



Advantages of CCA

- High recovery rates with different brands of filtration membranes, specially when our Coliform CV selective supplement has been added.
- Our CCA Agar is the ideal medium for detection and differentiation of coliforms and *E. coli* in water. The presence of Tergitol® 7 and the addition of antibiotics cefsulodin and vancomycin (Coliform CV selective supplement) reduces the growth of accompanying flora resulting in excellent recovery rates and specificity rates for coliforms and *E. coli*.
- Also ideal for waste water. With the new selective supplement “Coliform CV” our CCA Agar is even more selective, ideal for the analysis of waste water and very contaminated samples.
- Better colour contrast for easier interpretation.

Advantages of chromogenic media

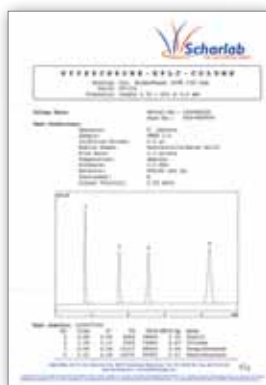
- Better diagnosis, positive identification of *E. coli*.
- Detection of *E. coli*, total coliforms, and other enterobacteria at the same time.
- Direct identification and enumeration of *E. coli* and coliforms in 24 hours which saves time.
- Easy interpretation of results.
- Simple and easy method.

HPLC Scharlau columns

KromaPhase Scharlau HPLC columns

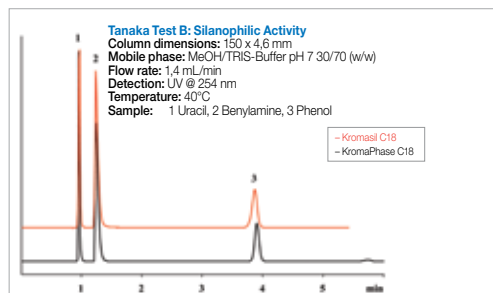
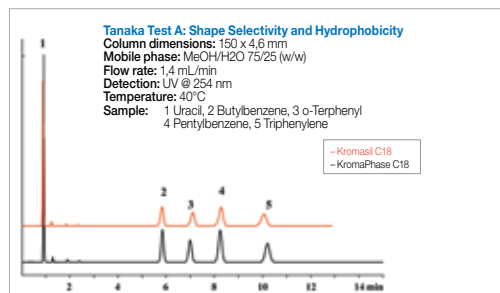
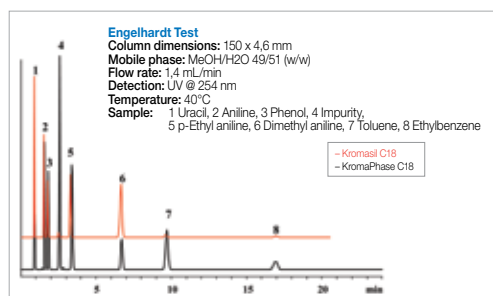
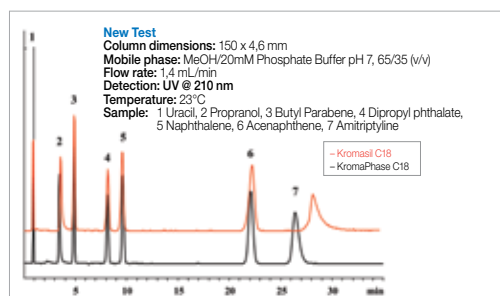
For over 30 years, Spanish scientists have been working with SCHARLAU HPLC columns. Pharmaceutical Labs., Research Centres, Universities, Independent labs... have all been using SCHARLAU columns due to their reliability and reproducibility.

Each column is tested after manufacture for efficiency, capacity, selectivity and peak symmetry. The results of these tests are shown in the Test Chromatogram, which is included with each column.



› Without changing existing methods
KromaSIL C18 can be replaced
by KromaPhase C18

HPLC Scharlau columns



HPLC Scharlau columns

KromaPhase 100Å	50x2mm	100x2mm	125x2mm	150x2mm	250x2mm	Guard 30x2mm*
C18 3,5µm	070B35Y811	070B36Y811	070B39Y811	070B40Y811	070B43Y811	070-B1PY811
C18 5µm	070B35Y803	070B36Y803	070B39Y803	070B40Y803	070B43Y803	070-B1PY803
C8 3,5µm	070B35Y809	070B36Y809	070B39Y809	070B40Y809	070B43Y809	070-B1PY809
C8 5µm	070B35Y802	070B36Y802	070B39Y802	070B40Y802	070B43Y802	070-B1PY802
SIL 3,5µm	070B35Y814	070B36Y814	070B39Y814	070B40Y814	070B43Y814	070-B1PY814
SIL 5µm	070B35Y801	070B36Y801	070B39Y801	070B40Y801	070B43Y801	070-B1PY801
KromaPhase 100Å	50x3mm	100x3mm	125x3mm	150x3mm	250x3mm	Guard 30x3mm*
C18 3,5µm	070B58Y811	070B52Y811	070B56Y811	070B53Y811	070B54Y811	070-B4PY811
C18 5µm	070B58Y803	070B52Y803	070B56Y803	070B53Y803	070B54Y803	070-B4PY803
C8 3,5µm	070B58Y809	070B52Y809	070B56Y809	070B53Y809	070B54Y809	070-B4PY809
C8 5µm	070B58Y802	070B52Y802	070B56Y802	070B53Y802	070B54Y802	070-B4PY802
SIL 3,5µm	070B58Y814	070B52Y814	070B56Y814	070B53Y814	070B54Y814	070-B4PY814
SIL 5µm	070B58Y801	070B52Y801	070B56Y801	070B53Y801	070B54Y801	070-B4PY801
KromaPhase 100Å	50x4mm	100x4mm	125x4mm	150x4mm	250x4mm	Guard 30x4mm*
C18 3,5µm	070-B3Y811	070-B1Y811	070-B7Y811	070-B2Y811	070-B6Y811	070B9PY811
C18 5µm	070-B3Y803	070-B1Y803	070-B7Y803	070-B2Y803	070-B6Y803	070B9PY803
C18 10µm	070-B3Y805	070-B1Y805	070-B7Y805	070-B2Y805	070-B6Y805	070B9PY805
C8 3,5µm	070-B3Y809	070-B1Y809	070-B7Y809	070-B2Y809	070-B6Y809	070B9PY809
C8 5µm	070-B3Y802	070-B1Y802	070-B7Y802	070-B2Y802	070-B6Y802	070B9PY802
C8 10µm	070-B3Y804	070-B1Y804	070-B7Y804	070-B2Y804	070-B6Y804	070B9PY804
SIL 3,5µm	070-B3Y814	070-B1Y814	070-B7Y814	070-B2Y814	070-B6Y814	070B9PY814
SIL 5µm	070-B3Y801	070-B1Y801	070-B7Y801	070-B2Y801	070-B6Y801	070B9PY801
SIL 10µm	070-B3Y810	070-B1Y810	070-B7Y810	070-B2Y810	070-B6Y810	070B9PY810
KromaPhase 100Å	50x4,6mm	100x4,6mm	125x4,6mm	150x4,6mm	250x4,6mm	Guard 30x4mm*
C18 3,5µm	066-B3Y811	066-B1Y811	066-B7Y811	066-B2Y811	066-B6Y811	070B9PY811
C18 5µm	066-B3Y803	066-B1Y803	066-B7Y803	066-B2Y803	066-B2Y803	070B9PY803
C18 10µm	066-B3Y805	066-B1Y805	066-B7Y805	066-B2Y805	066-B2Y805	070B9PY805
C8 3,5µm	066-B3Y809	066-B1Y809	066-B7Y809	066-B2Y809	066-B6Y809	070B9PY809
C8 5µm	066-B3Y802	066-B1Y802	066-B7Y802	066-B2Y802	066-B6Y802	070B9PY802
C8 10µm	066-B3Y804	066-B1Y804	066-B7Y804	066-B2Y804	066-B6Y804	070B9PY804
SIL 3,5µm	066-B3Y814	066-B1Y814	066-B7Y814	066-B2Y814	066-B6Y814	070B9PY814
SIL 5µm	066-B3Y801	066-B1Y801	066-B7Y801	066-B2Y801	066-B6Y801	070B9PY801
SIL 10µm	066-B3Y810	066-B1Y810	066-B7Y810	066-B2Y810	066-B6Y810	070B9PY810
KromaPhase 100Å		100x8mm		150x8mm	250x8mm	Guard 30x8mm*
C18 5µm		070B32Y803		070B22Y803	070B23Y803	070B2PY803
C18 10µm		070B32Y805		070B22Y805	070B23Y805	070B2PY805
C8 5µm		070B32Y802		070B22Y802	070B23Y802	070B2PY802
C8 10µm		070B32Y804		070B22Y804	070B23Y804	070B2PY804
SIL 5µm		070B32Y801		070B22Y801	070B23Y801	070B2PY801
SIL 10µm		070B32Y810		070B22Y810	070B23Y810	070B2PY810
KromaPhase 100Å				150x16mm	250x16mm	Guard 30x16mm*
C18 5µm				070B44Y803	070B27Y803	070B3PY803
C18 10µm				070B44Y805	070B27Y805	070B3PY805
C8 5µm				070B44Y802	070B27Y802	070B3PY802
C8 10µm				070B44Y804	070B27Y804	070B3PY804
SIL 5µm				070B44Y801	070B27Y801	070B3PY801
SIL 10µm				070B44Y810	070B27Y810	070B3PY810
KromaPhase 100Å				150x20mm	250x20mm	Guard 30x20mm*
C18 5µm				070B11Y803	070B10Y803	070B5PY803
C18 10µm				070B11Y805	070B10Y805	070B5PY805
C8 5µm				070B11Y802	070B10Y802	070B5PY802
C8 10µm				070B11Y804	070B10Y804	070B5PY804
SIL 5µm				070B11Y801	070B10Y801	070B5PY801
SIL 10µm				070B11Y810	070B10Y810	070B5PY810

→ Also available in 7µ and 50mm I.D.

→ *This is standard guard column: guard column system

Guard columns

We offer two different guard column systems: the "column" system and the cartridge system.

Guard column system



It is a small column of 3cm length packed with the required packing material. See Art. No. above.

Guard cartridge column



Consists on a holder which contains a guard cartridge of 15mm length packed with the required packing material.

Guard cartridge column (continue)

Art. No.	Description	Pack
066-HOLDER	Holder for guard cartridge 15x4,6mm	x u.
066-BOY701	Guard cartridge 100 SIL 15x4,6mm	x u.
066-BOY705	Guard cartridge C18 10µm 15mmx4,6mm	x u.
066-BOY703	Guard cartridge C18 5µm 15x4,6mm	x u.
066-BOY702	Guard cartridge C8 5µm 15x4,6mm	x u.
066-BOY711	Guard cartridge 100 C18 3,5µ 15x4,6mm	x u.

HPLC Scharlau columns

HPLC Scharlau columns

We also offer a complete range of commonly used HPLC phases in different formats, **from 2mm to 50mm** internal diameter columns. If you require a column of special dimensions or you do not find the required column in these pages, please contact us.

► How to build the column catalogue number

The catalogue number of our columns is formed by three parts:

Internal diameter	Length	Packing material code (see following list)
070: 4mm	B4: 300mm	
066: 4,6mm	B6: 250mm	
	B5: 200mm	
	B2: 150mm	
	B7: 125mm	
	B1: 100mm	
	B8: 80mm	
	B3: 50mm	
	B9: 30mm	

Example:

Col. Nucleosil 120Å C18 5µm 250x4,6mm
Art. No. 066-0B6Y99

The most commonly available packing materials are listed below with their packing material codes in order to build the catalogue number of the column required.

Packing material	Cat. No.	Packing material	Cat. No.	Packing material	Cat. No.
Nucleosil 100-3, ca.3µm, 100Å	Y53	Nucleosil 300-10, 10µm, 300Å	Y64	LiChrosorb 60 DIOL, 10µm, 60Å	Y207
Nucleosil 100-5, 5µm, 100Å	Y54	Nucleosil 300-5 C4, 5µm, 300Å	Y105	LiChrosorb 60 NH ₂ , 5µm, 60Å	Y208
Nucleosil 100-7, 7µm, 100Å	Y55	Nucleosil 300-7 C4, 7µm, 300Å	Y106	LiChrosorb 60 NH ₂ , 7µm, 60Å	Y209
Nucleosil 100-10, 10µm, 100Å	Y56	Nucleosil 300-10 C4, 10µm, 300Å	Y107	LiChrosorb 60 NH ₂ , 10µm, 60Å	Y210
Nucleosil 100-5 C8, 5µm, 100Å	Y72	Nucleosil 300-5 C8, 5µm, 300Å	Y108	LiChrosorb 60 CN, 5µm, 60Å	Y211
Nucleosil 100-7 C8, 7,5µm, 100Å	Y73	Nucleosil 300-7 C8, 7µm, 300Å	Y109	LiChrosorb 60 CN, 7µm, 60Å	Y212
Nucleosil 100-10 C8, 10µm, 100Å	Y74	Nucleosil 300-10 C8, 10µm, 300Å	Y110	LiChrosorb 60 CN, 10µm, 60Å	Y213
Nucleosil 100-3 C18, ca.3, 100Å	Y75	Nucleosil 300-5 C18, 5µm, 300Å	Y111	LiChrosorb Si 100, 5µm, 100Å	Y188
Nucleosil 100-5 C18, 5µm, 100Å	Y76	Nucleosil 300-7 C18, 7µm, 300Å	Y112	LiChrosorb Si 100, 7µm, 100Å	Y189
Nucleosil 100-7 C18, 7µm, 100Å	Y77	Nucleosil 300-10 C18, 10µm, 300Å	Y113	LiChrosorb Si 100, 10µm, 100Å	Y190
Nucleosil 100-10 C18, 10µm, 100Å	Y78	Nucleosil 300-7 C ₆ H ₅ , 7µm, 300Å	Y115		
Nucleosil 100-5 CN, 5µm, 100Å	Y80	Nucleosil 300-7 OH, 7µm, 300Å	Y116	LiChrospher Si 60, 5µm, 60Å	Y244
Nucleosil 100-10 CN, 10µm, 100Å	Y81	Nucleosil 300-7 CN, 7µm, 300Å	Y117	LiChrospher Si 60, 10µm, 60Å	Y245
Nucleosil 100-5 NH ₂ , 5µm, 100Å	Y82	Nucleosil 300-7 NH ₂ , 7µm, 300Å	Y132	LiChrospher 60 RP-8 Select B, 5µm, 60Å	Y381
Nucleosil 100-10 NH ₂ , 10µm, 100Å	Y83	Nucleosil 500-5, 5µm, 500Å	Y66	LiChrospher 60 RP-8 Select B, 10µm, 60Å	Y382
Nucleosil 100-5 N(CH ₃) ₂ , 5µm, 100Å	Y84	Nucleosil 500-7, 7,5µm, 500Å	Y67	LiChrospher Si 100, 5µm, 100Å	Y214
Nucleosil 100-10 N(CH ₃) ₂ , 10µm, 100Å	Y85	Nucleosil 500-10, 10µm, 500Å	Y68	LiChrospher Si 100, 10µm, 100Å	Y215
Nucleosil 100-5 NO ₂ , 5µm, 100Å	Y86	Nucleosil 500-7 C4, 7µm, 500Å	Y118	LiChrospher 100/II RP-8, 5µm, 100Å	Y216
Nucleosil 100-10 NO ₂ , 10µm, 100Å	Y87	Nucleosil 500-7 C8, 7µm, 500Å	Y119	LiChrospher 100/II RP-8, 10µm, 100Å	Y217
Nucleosil 100-5 C ₆ H ₅ , 5µm, 100Å	Y88	Nucleosil 500-7 C18, 7µm, 500Å	Y120	LiChrospher 100/II RP-8, 5µm, 100Å EC	Y246
Nucleosil 100-7 C ₆ H ₅ , 7µm, 100Å	Y130	Nucleosil 500-7 OH, 7µm, 500Å	Y121	LiChrospher 100/II RP-8, 10µm, 100Å EC	Y247
Nucleosil 100-7 OH, 7µm, 100Å	Y93	Nucleosil 500-7 CN, 7µm, 500Å	Y122	LiChrospher 100/II RP-18, 5µm, 100Å	Y218
Nucleosil 100-5 SA, 5µm, 100Å	Y89	Nucleosil 500-7 C ₆ H ₅ , 7µm, 500Å	Y133	LiChrospher 100/II RP-18, 10µm, 100Å	Y219
Nucleosil 100-10 SA, 10µm, 100Å	Y90	Nucleosil 1000-5, 5µm, 1000Å	Y134	LiChrospher 100/II RP-18, 5µm, 100Å EC	Y248
Nucleosil 100-5 SB, 5µm, 100Å	Y91	Nucleosil 1000-7, 7,5µm, 1000Å	Y70	LiChrospher 100/II RP-18, 10µm, 100Å EC	Y249
Nucleosil 100-10 SB, 10µm, 100Å	Y92	Nucleosil 1000-10, 10µm, 1000Å	Y135	LiChrospher 100/II DIOL, 5µm, 100Å	Y277
Nucleosil 120-3, ca.3µm, 120Å	Y58	Nucleosil 1000-7 OH, 7µm, 1000Å	Y123	LiChrospher 100/II DIOL, 10µm, 100Å	Y278
Nucleosil 120-5, 5µm, 120Å	Y59	Nucleosil 1000-7 C4, 7µm, 1000Å	Y124	LiChrospher 100/II NH ₂ , 5µm, 100Å	Y252
Nucleosil 120-7, 7µm, 120Å	Y60	Nucleosil 1000-7 C18, 7µm, 1000Å	Y125	LiChrospher 100/II NH ₂ , 10µm, 100Å	Y253
Nucleosil 120-10, 10µm, 120Å	Y61	Nucleosil 1000-7 C ₆ H ₅ , 7µm, 1000Å	Y138	LiChrospher 100/II CN, 5µm, 100Å	Y250
Nucleosil 120-5 C4, 5µm, 120Å	Y131			LiChrospher 100/II CN, 10µm, 100Å	Y251
Nucleosil 120-3 C8, ca.3µm, 120Å	Y94	LiChrosorb Si 60, 5µm, 60Å	Y185		
Nucleosil 120-5 C8, 5µm, 120Å	Y95	LiChrosorb Si 60, 7µm, 60Å	Y186	Partisil 5, 5µm, 90Å	Y224
Nucleosil 120-7 C8, 7µm, 120Å	Y96	LiChrosorb Si 60, 10µm, 60Å	Y187	Partisil 10, 10µm, 90Å	Y225
Nucleosil 120-10 C8, 10µm, 120Å	Y97	LiChrosorb 60 RP 8, 5µm, 60Å	Y199	Partisil 10 ODS, 10µm, 90Å	Y230
Nucleosil 120-3 C18, ca.3µm, 120Å	Y98	LiChrosorb 60 RP 8, 7µm, 60Å	Y200	Partisil 10 ODS 2, 10µm, 90Å	Y231
Nucleosil 120-5 C18, 5µm, 120Å	Y99	LiChrosorb 60 RP 8, 10µm, 60Å	Y201	Partisil 5 PAC, 5µm, 90Å	Y226
Nucleosil 120-7 C18, 7µm, 120Å	Y100	LiChrosorb 60 RP 8 Select B, 5µm, 60Å	Y379	Partisil 10 PAC, 10µm, 90Å	Y227
Nucleosil 120-10 C18, 10µm, 120Å	Y101	LiChrosorb 60 RP 8 Select B, 10µm, 60Å	Y380	Partisil 10 SAX, 10µm, 90Å	Y234
Nucleosil 120-7 C ₆ H ₅ , 7µm, 120Å	Y102	LiChrosorb 60 RP 18, 5µm, 60Å	Y202	Partisil 10 SCX, 10µm, 90Å	Y235
Nucleosil 120-7 CN, 7µm, 120Å	Y103	LiChrosorb 60 RP 18, 7µm, 60Å	Y203	Partisil 5 ODS 3, 5µm, 90Å	Y232
Nucleosil 120-7 NH ₂ , 7µm, 120Å	Y104	LiChrosorb 60 RP 18, 10µm, 60Å	Y204	Partisil 10 ODS 3, 10µm, 90Å	Y233
Nucleosil 300-5, 5µm, 300Å	Y62	LiChrosorb 60 DIOL, 5µm, 60Å	Y205	Partisil 5 C8, 5µm, 90Å	Y228
Nucleosil 300-7, 7µm, 300Å	Y63	LiChrosorb 60 DIOL, 7µm, 60Å	Y206	Partisil 10 C8, 10µm, 90Å	Y229

► If you cannot find the required material or dimensions, please contact us at consultas@scharlab.com

Scharlau syringe filters for sample filtration



Scharlau Nylon syringe filters are primarily used to filter small aqueous and organic samples. They have a low hold-up volume in order to inject them into the HPLC sample loop systems. The filtered samples ensure column protection. The membrane filter in Scharlau Nylon syringe filters is a high quality hydrophilic nylon which contains no wetting agents and yields an exceptionally low extractable level. The housing is made of pure polypropylene. The result is a high quality syringe filter which fulfills the needs of the most demanding chromatographists. Scharlau Nylon syringe filters have become the "standard" filter material due to their wide range of chemical compatibility range and naturally hydrophilic characteristics. They can be used to filter aqueous and the majority of solvent solutions.

Art. No.	Description	Pack
NY25021000	Nylon syringe filter 25mm 0,2µm	1.000 u.
NY25020200	Nylon syringe filter 25mm 0,2µm	200 u.
NY25045200	Nylon syringe filter 25mm 0,45µm	200 u.
NY25041000	Nylon syringe filter 25mm 0,45µm	1.000 u.
NY13045200	Nylon syringe filter 13mm 0,45µm	200 u.
NY13020500	Nylon syringe filter 13mm 0,2µm	500 u.
CR25041000	Regenerated cellulose syringe filter 25mm 0,45µm	1.000 u.
CR25021000	Regenerated cellulose syringe filter 25mm 0,2µm	1.000 u.
CR13041000	Regenerated cellulose syringe filter 13mm 0,45µm	1.000 u.
CR13021000	Regenerated cellulose syringe filter 13mm 0,2µm	1.000 u.

Chromatography vials



We have in stock the most popular chromatography vials for an immediate delivery.

All of them are high quality products to fulfill the requirements of the most demanding labs: pharmaceutical companies, research centers, private labs...

Art. No.	Description	Pack
VTRCR12X32	12x32mm crimp top clear vial	100 u.
CRIMPCAP12	Aluminium crimp cap 11mm, w/PTFE/rubber	100 u.
00S200-100	Aluminium crimp cap 11mm, w/PTFE/rubber	1.000 u.
VARBE12X32	12x32mm 9-425 thread amber vial	100 u.
VTRRB12X32	12x32mm 9-425 thread clear vial	100 u.
RBBSILCAP	Open top cap 9-425 with PTFE/silicone septa	100 u.

Spe (Solid Phase Extraction) cartridges: ExtraBond Scharlau

ExtraBond is our new family of SPE cartridges. They are all based on spheric polystyrene/divinylbenzene modified with pyrrolidone. The capacity and surface area of these phases are much higher than the typical ones for silica based cartridges. The pH range is from 1 to 14. There are 3 different materials depending on their functionality:

- **ExtraBond EB2.** Has a universal absorbent function for many kinds of materials, without the need for pH adjustment, especially for strong polar hydrophilic compounds. This is the first choice for reverse phase methods development. ExtraBond EB2 is excellent for acidic, basic and neutral compounds.
- **ExtraBond ECX** has reverse-phase and anion exchange dual functionality
- **ExtraBond EAX** is a RP/strong anion exchange mixed mode sorbent.



Art. No.	Description	Pack
EAX0301100	EAX SPE 40µm, 30mg, 1mL (Anionic exchange)	100 u.
EAX0603050	EAX SPE 40µm, 60mg, 3mL (Anionic exchange)	50 u.
EAX2006030	EAX SPE 40µm, 200mg, 6mL (Anionic exchange)	30 u.
EAX5006030	EAX SPE 40µm, 500mg, 6mL (Anionic exchange)	30 u.
ECX0301100	ECX SPE 40µm, 30mg, 1mL (Cationic exchange)	100 u.
ECX0603050	ECX SPE 40µm, 60mg, 3mL (Cationic exchange)	50 u.
ECX2006030	ECX SPE 40µm, 200mg, 6mL (Cationic exchange)	30 u.
ECX5006030	ECX SPE 40µm, 500mg, 6mL (Cationic exchange)	30 u.
EB20301100	EB2 SPE 40µm, 30mg, 1mL (Polimeric-Reverse Phase)	100 u.
EB20603050	EB2 SPE 40µm, 60mg, 3mL (Polimeric-Reverse Phase)	50 u.
EB22006030	EB2 SPE 40µm, 200mg, 6mL (Polimeric-Reverse Phase)	30 u.
EB25006030	EB2 SPE 40µm, 500mg, 6mL (Polimeric-Reverse Phase)	30 u.

► Please ask for bulk any other format you require!

► Other configurations and bulk on request

► More information at consultas@scharlab.com

► Silica ExtraBond line now available:
All phases and formats!

Disposal of laboratory waste

› The best thing is to avoid residues altogether. Please think of this, whenever you plan the purchase of laboratory chemicals

Avoid contamination of the water

Elimination of residues through the drain is strictly forbidden. You have to bear in mind, that many chemicals shall not be reduced by the waste water plants and shall contaminate the environment.

Residues in the laboratory

We highly recommend naming a person in charge of the residues of your company. This person should be informed of the laws and regulations regulating the waste of residues in your own country.

In order to hand over the residues to a treatment plant, it is necessary to organize the collection and storage previously.

Collection of residues in the laboratory

The material of the residue containers has to comply with the following conditions:

1. One has to be able to close the containers hermetically and the material has to be resistant to the contents. Plastic containers should not form toxic fumes when disposed of through burning.

2. Generally, plastic containers are being used.
3. Corrosive products should be collected in metal drums with inner plastic lining, like our Combi drum (art.no. 055-0C0025).
4. Inflammable or oxidizing products should be collected in metal or plastic drums resistant to the solvent.
5. For products that produce gases or vapours, special containers with a security valve are required, in order to avoid the danger of explosions.

If the collection containers are handed over to a transport agency, they have to carry the UN number that approves them for transport by road.

For liquids, we highly recommend HDPE containers like our 25L containers, ref. 055-25000P or our 25L Combi drums, ref. 055-0C0025.

For solids, we recommend using the same material in which the original product was supplied, or wide-open HDPE containers.

Classifying chemical laboratory residues

The residue producer is responsible of correctly classifying and labelling every residue. He also must deliver the residues to an authorized treatment plant. Below, you can find a guide for residue classification.

Solids

Container no. 0

Void contaminated containers.

It includes bottles and drums as well as disposable contaminated stuffs (gloves, filters...).

Container no. I

Organic chemicals in solid form.

In its original container or safely packed with permanent label.

Container no. II

Inorganic chemicals in solid form.

In its original container or safely packed with permanent label.

Container no. III

Toxic inorganic residues and salts of heavy metals.

In its original container or safely packed with permanent label.

Container no. IV

Mercury and salts of inorganic mercury salts.

In its original container or safely packed with permanent label.

Liquids

Container no. V

Organic solvents and organic substances in solution, containing no halogens.

In HDPE containers labelled as "halogen-free solvents".

Container no. VI

Organic solvents and organic substances in solution, containing halogens.

In HDPE containers labelled as "halogen solvents".

Use of metal containers strictly forbidden.

Internal corrosion due to the water or acid contained in the halogen is very high. Since metal containers are used up to 5 times, as average, the risk of breakage and leaking is high.

Container no. VII

Inorganic aqueous solutions.

Adjust contents to pH 6-8.

- a) acids and acidic concentrates

contaminated by oils, fats, solvents, tensides or other products which cannot be drained into the sink.

- b) bases and basic concentrates, contaminated with large quantities of cyanides and nitriles and which cannot be drained into the sink.
- c) saline solutions coming from neutralized acids and bases which cannot be drained into the sink. In HDPE containers labelled as Aqueous inorganic solutions.

Container no. VIII

Organic aqueous solutions.

Include mixtures solvent/water like HPLC mobile phases.

Container IX

Used oils, bath oils, vacuum oils (free from halogens).

Container X

Toxic flammable compounds.

Disposal of laboratory waste

Neutralization of laboratory residues

Special precautions have to be taken since many chemical reactions can be very violent. All work has to be executed by qualified personnel, following the basic safety rules and always under a fume cupboard. The method chosen to neutralize the chemical in question must at all events be tried out first on a small scale, to see if there are any unforeseen problems. To facilitate the disposal of small quantities, each product has been assigned a "Disposal number". This number refers to the particular paragraph set out below. The Container stipulated for collecting that chemical will be a Container listed in the previous page.

- Organic halogen-free solvents: Container no. V.
Small quantities of halogen-free solvents may be collected and disposed of together with halogen solvents.
Be sure to test for absence of peroxides, before handing over to the waste disposal company.
- Organic halogen solvents: Container no. VI.
- Relatively non-reactive organic reagents should be collected in Container no. V. If halogen, they should be placed in Container no. VI. For solid residues use Container no. I.
- Aqueous solutions of organic acids should be carefully neutralized with sodium hydrogen carbonate or sodium hydroxide: Container no. VII. Aromatic carboxylic acids should be precipitated with dilute hydrochloric acid and filtered off. Precipitate: Container no. I. Filtrate: Container no. VII.
- Organic bases and amines in solution: Container no. V or no. VI.
To prevent unpleasant odours (fume cupboard), we recommend careful neutralization with dilute hydrochloric acid or sulfuric acid.
- Nitriles and mercaptans should be oxidized by stirring for several hours (preferably overnight) with sodium hypochlorite solution. Any excess oxidant should be neutralized with sodium thiosulfate.
Organic phase: Container no. V or no. VI respectively.
Aqueous phase: Container no. VII.
- Water-soluble aldehydes should be converted to bisulfite adducts using a concentrated aqueous sodium hydrogen sulfite solution: Container no. V or no. VI.
- Hydrolysis-sensitive organo-metallic compounds, which are generally dissolved in an organic solvent, should be carefully stirred drop wise into n-butanol using a fume cupboard with the front screen closed. Any flammable gas formed should be fed via a tube directly into the extractor tubing. When gas development has ceased, continue stirring for one hour and add an excess of water.
Organic phase: Container no. V.
Aqueous phase: Container no. VII.
- Alkyl sulfates are carcinogenic. Take special care to avoid inhalation and skin contact. To deactivate alkyl sulfates, add drop wise (from a dropping funnel) to concentrated ice-cool ammonia solution, under vigorous stirring: Container no. VII (adjust pH previously to 6-8).
- Organic peroxides can be detected in aqueous solutions and organic solvents with the aid of test-kits and removed, percolating through liquid chromatography grade aluminum oxide.
Organic residues: Container no. V or no. VI.
Aqueous solutions: Container no. VII.
- Acid halides should be added drop wise to an excess of methanol, in order to convert them to the corresponding methyl esters. A few drops of hydrochloric acid can be added to accelerate the reaction.
Neutralize with sodium hydroxide solution: Container no. VI.
- Inorganic acids and anhydrides thereof should first be diluted or hydrolyzed by stirring carefully into ice-water, then neutralized (gloves, fume cupboard) with sodium hydroxide solution: Container no. VII.
Fuming sulfuric acid should be carefully stirred a drop at a time into 40% sulfuric acid. Have plenty of ice on hand for cooling. When sufficiently cool, treat the highly concentrated sulfuric acid as above.
Acid gases (hydrogen bromide, hydrogen chloride and hydrogen iodide, chlorine, phosgene, sulfur dioxide) should be bubbled into dilute sodium hydroxide solution and treated as under Inorganic acids above.
- Inorganic bases should be diluted if necessary, by carefully stirring them into ice-water, then neutralized (gloves, fume cupboard) with hydrochloric acid: Container no. VII.
- Inorganic salts: Container no. II.
Neutral solutions of these salts: Container no. VII.
- Solutions and solids containing heavy metals: Container no. III. Stir Raney nickel in the form of an aqueous suspension into hydrochloric acid until dissolved: Container no. III. Neither Raney nickel nor filter residues should be allowed to dry out, otherwise they will spontaneously ignite in air.
- Highly toxic thallium salts and aqueous solutions of these must be handled with great caution; take special care to avoid skin contact: Container no. III.
Thallium salts in aqueous solution can be treated with sodium hydroxide to precipitate out thallium (III) oxide for reuse.
- Inorganic selenium compounds are toxic and must be handled with caution: Container no. III.
Elemental selenium can be recovered by first oxidizing the salts in aqueous solution with concentrated nitric

Disposal of laboratory waste

- acid. Addition of sodium hydrogen sulfite solution then causes elemental selenium to precipitate out.
Aqueous phase: Container no. VII.
18. Carcinogenic beryllium and its salts must be handled with special caution. Be sure to avoid inhalation and skin contact: Container no. III.
 19. Radioactive uranium and thorium compounds must be disposed of in compliance with local laws and regulations of each country.
 20. Inorganic mercury residues: Elementary mercury can be taken up with Mercurisorb® (Carl Roth GmbH, Germany): Container no. IV.
 21. Cyanides should first be oxidized to cyanates with hydrogen peroxide at pH 10-11. Further addition of oxidant at pH 8-9 oxidizes the cyanates to CO₂: Container no. VII.
Azides are decomposed to nitrogen by reacting them with iodine in presence of sodium thiosulfate: Container no. VII.
 22. Inorganic peroxides and oxidants, as well as bromine and iodine, can be rendered harmless by reduction with acidic sodium thiosulfate solution: Container no. VII.
 23. Hydrogen fluoride and solutions of inorganic fluorides must be handled with the utmost caution. Do not permit contact under any circumstances and be sure to work under an efficient fume cupboard with the front screen closed. Precipitate residues with calcium carbonate to obtain calcium fluoride. Precipitate: Container no. II.
Filtrate: Container no. VII.
 24. Residues of liquid inorganic halides and hydrolysis sensitive reagents should be carefully stirred a drop at a time into ice-cool 10% sodium hydroxide solution: Container no. III.
 25. White phosphorus exposed to air is oxidized in an exothermic reaction to phosphorus pentoxide. This is why it must be permanently stored under water. White phosphorus is extremely toxic and must be handled with great care. Please contact an authorized disposal company.
Red phosphorus is not toxic. It must not come into contact with oxidizing substances: Container no. II.
Phosphorus compounds should be oxidized under an inert gas in an efficient fume cupboard with the front screen closed. For each gram of phosphorus compound, measure out a 100mL aliquot of 5% sodium hypochlorite solution, containing 5mL of 50% sodium hydroxide solution and carefully add the substance solution to be inactivated, a drop at a time, under ice cooling. Add calcium hydroxide and filter off the precipitating phosphates. Precipitate: Container no. II.
Aqueous solutions: Container no. VII.
 26. Alkali metals should be taken up in an inert solvent and inactivated by stirring and drop wise addition of 2-propanol. Important: Hydrogen is formed and may form explosive mixtures, so conduct the gas through a tube directly to the extractor tubing. When the reaction has finished, add water a drop at a time: Container no. VII.
In the case of alkali borohydrides, add methanol under stirring. In the case of alkali amides and hydrides add 2-propanol drop wise under stirring. When the respective reaction has finished, hydrolyze with water: Container no. VII.
To destroy lithium aluminium hydride, slurry in an ether. Under an inert gas and under thorough stirring, add, a drop at a time, a 1:4 mixture of ethyl acetate and ether. Ensure that none of the reagent solution touches the sides of the flask, as this may lead to small pockets of residue which do not completely react: Container no. V.
 27. Residues containing valuable recoverable metals. Container no. III.
 28. Aqueous solutions: Container no. VII.
 29. Aluminium alkyls are extremely hydrolysis-sensitive. They should be diluted with an inert solvent under protective gas, followed by the dropwise addition of 1-octanol and, once the reaction has ceased, subsequently of water. Container no. X.
 30. The laboratory detergents nowadays available are biodegradable and do not contaminate the environment. However, if they have been used to eliminate substances which are harmful to the environment, collect the wash water in Container no. VII.
 31. Natural substances, e.g. carbohydrates, amino acids and other aqueous residues typical of a biochemical laboratory: Container no. VII.
When mixed with organic solvents or reagents: Container no. V or no. VI.
 32. Chromatography residues
Aggressive or toxic substances absorbed in the stationary phase of layers or columns must be eliminated by elution or wash out, before disposal. The solvents used have to be classified according to their properties. Larger quantities of stationary phase should be freed from solvents (drying or vacuum) and then packed in resistant plastic bags: Container no. II. TLC plates and HPLC columns can be disposed together with contaminated solids. Container no. 0.

Abbreviations

AAS	Atomic absorption spectrometry	MAC	Maximum Allowed Concentration
ACS	American Chemical Society	MAK	Maximale Arbeitsplatzkonzentration (Maximum Workplace Concentration)
ADR	Accord Européen au transport international des marchandises Dangereuses par Route	MOS	Metal-Oxide Semiconductor
AOX	Absorbable organic halogen	MS	Mass Spectrometry
APHA	American Public Health Association	NBS	National Bureau of Standard
ASTM	American Society for Testing and Materials	NF	National Formulary
BET	Surface determination according to Brunauer, Emmet and Teller	NIST	National Institute of Standards and Technology
BOD	Biochemical Oxygen Demand	NMR	Nuclear Magnetic Resonance spectrometry
BP	British Pharmacopoeia	NPD	Nitrogen Phosphorus Detector
BPC	British Pharmaceutical Codex	PAH	Polycyclic Aromatic Hydrocarbons
BRN	Beilstein Registry Number	PCB	PolyChlorinated Biphenyl
BSA	Bovine Serum Albumin	PCR	Polymerase Chain Reaction
CAS	Chemical Abstracts Service	Ph Eur	European Pharmacopoeia
C.I. No.	Colour Index Number	PP	Polypropylene
CLP	Classification, labeling and packaging	ppb	Parts per billion
COD	Chemical Oxygen Demand	ppm	Parts per million
CRM	Certified Reference Material	PTFE	Polytetrafluoroethylene
DAB	Deutsches Arzneibuch	PVDF	Polyvinylidene difluoride
DEV	Deutsches Einheitsverfahren zur Wasser, Abwasser- und Schlamm Untersuchung (German standard methods for the analysis of water, waste water and sludge)	RFA	Röntgen-Fluoreszenz-Analyse (X-Ray Fluorescence Analysis)
DIN	Deutsches Institut für Normung (German standards institute)	RI	Refractive index
DSC	Differential Scanning Calorimetry	RP	Reversed-Phase chromatography
ECD	Electron Capture Detector	RTECS	Registry of Toxic Effects of Chemical Substances
EINECS	European Inventory of Existing Chemical Substances	SDS-PAGE	Sodium dodecylsulfate – Polyacrylamide Gel Electrophoresis
EOCI	Extractable Organic Chlorine	SI	International System of Units
EPA	Environmental Protection Agency	TCD	Thermal Conductivity Detector
Erg B	Ergänzungsbuch zum DAB (Addendum to DAB)	TLC	Thin Layer Chromatography
FCC	Food Chemical Codex	TOC	Total Organic Carbon
FDA	Food and Drug Administration	UN	United Nations
FIA	Fluorescence Indicator Analysis Flow Injection Analysis	USP	United States Pharmacopoeia
FID	Flame Ionization Detector	UV	Ultraviolet spectroscopy
FO	Fibre Optics	UV/VIS	Spectroscopy in the UV and visible region
GC	Gas Chromatography	VbF	Verordnung über brennbare Flüssigkeiten (Regulation of flammable liquids)
GLP	Good Laboratory Practice	VLSI	Very Large-Scale Integrated circuits
GMP	Good Manufacturing Practice	WGK	Wassergefährdungsklasse (German water pollution risk class)
GPC	Gel Permeation Chromatography	WHO	World Health Organization
HDPE	High Density Polyethylene		
HIC	Hydrophobic Interaction Chromatography		
HPLC	High Performance Liquid Chromatography		
HP TLC	High Performance Thin Layer Chromatography		
IATA	International Air Transport Association		
IMDG	International Maritime code for Dangerous Goods		
IC	Ion Chromatography		
ICP	Induction-Coupled Plasma		
IR	Infrared Spectroscopy		
ISO	International Organization for Standardization		
IUPAC	International Union of Pure and Applied Chemistry		
LC	Liquid Chromatography		
LLC	Liquid-Liquid Chromatography		
LSC	Liquid Scintillation Counting		

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CI0033	Cyclohexane, UV spectroscopy grade, Spectrosol®	81	CL0342	Dichloromethane, reagent grade, ACS, ISO, Reag. Ph Eur, stabilized with approx. 50 ppm of amylene	87
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CI0039	Cyclohexane, Multisolvant® HPLC grade ACS ISO UV-VIS	80	CL0347	Dichloromethane, stabilized with approx. 50 ppm of amylene, Multisolvant® HPLC grade ACS ISO UV-VIS	88
CI0040	Cyclohexanol, synthesis grade	82	CL0348	Dichloromethane, analytical grade, stabilized with approx. 50 ppm of amylene, ACS, Reag. Ph Eur, NF	87
CI0042	Cyclohexanol, reagent grade	82	CL0349	Dichloromethane, 99.9%, anhydrous (max. 0.003% H ₂ O), stabilized with approx. 50 ppm of amylene	89
CI0050	Cyclohexanone, extra pure	82	CL0350	Dichloromethane, 99.9%, anhydrous (max. 0.003% H ₂ O), with molecular sieves	89
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CI0128	Zinc, standard solution 1000 mg/l Zn for ICP (zinc in nitric acid 2%)	304	CO0013	Cobalt, standard solution 1000 mg/l Co for ICP (cobalt in nitric acid 2%)	297
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AN0440	Antimony, standard solution 1000 mg/l Sb for AA (antimony(III) chloride in hydrochloric acid 5 mol/l)	292	AS0015	L-Asparagine monohydrate, extra pure, Ph.Eur. BP	32
AR0151	Arsenic, standard solution 1000 mg/l As for AA (arsenic(III) oxide in nitric acid 0.5 mol/l)	292	AC0529	L-Aspartic acid, extra pure, Ph.Eur. BP USP	32
BA0010	Barium, standard solution 1000 mg/l Ba for AA (barium nitrate in nitric acid 0.5 mol/l)	292	CI0305	L-Cystine hydrochloride anhydrous, extra pure	83
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BO0013	Boron, standard solution 1000 mg/l B for AA (boric acid in water)	292	AC1225	L-Glutamic acid, extra pure, Ph.Eur. BP	134
CA0041	Cadmium, standard solution 1000 mg/l Cd for AA (cadmium nitrate in nitric acid 0.5 mol/l)	292	GL0165	L-Glutamine, extra pure, USP	134
CA0176	Calcium, standard solution 1000 mg/l Ca for AA (calcium nitrate in nitric acid 0.5 mol/l)	293	AC0404	Glycine, reagent grade, ACS, Reag. Ph.Eur.	136
CR0222	Chromium, standard solution 1000 mg/l Cr for AA (chromium(III) nitrate in nitric acid 0.5 mol/l)	293	HI0395	L-Histidine, extra pure, Ph.Eur. BP USP	146
CO0012	Cobalt, standard solution 1000 mg/l Co for AA (cobalt nitrate in nitric acid 0.5 mol/l)	293	HI0405	L-Histidine hydrochloride monohydrate, extra pure, Ph.Eur. BP	147
CO0085	Copper, standard solution 1000 mg/l Cu for AA (copper(II) nitrate in nitric acid 0.5 mol/l)	293	HI0235	4-Hydroxy-L-proline, extra pure	155
OR0057	Gold, standard solution 1000 mg/l Au for AA (Gold(III) trichloride acid in hydrochloric acid 2 mol/l)	293	IS0140	L-Isoleucine, extra pure, Ph.Eur. BP USP	162
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PL0105	Lead, standard solution 1000 mg/l Pb for AA (lead(II) nitrate in nitric acid 0.5 mol/l)	293	LI0035	L-Lysine monohydrochloride, synthesis grade	174
LI0060	Lithium, standard solution 1000 mg/l Li for AA (lithium nitrate in nitric acid 0.5 mol/l)	293	ME0635	L-Methionine, extra pure, Ph.Eur. BP USP	188
MA0011	Magnesium, standard solution 1000 mg/l Mg for AA (magnesium nitrate in nitric acid 0.5 mol/l)	294	FE0180	L-Phenylalanine, extra pure, Ph.Eur. BP USP	221
MA0111	Manganese, standard solution 1000 mg/l Mn for AA (manganese nitrate in nitric acid 0.5 mol/l)	294	PR0055	L-Proline, extra pure, Ph.Eur. BP USP NF	246
ME0111	Mercury, standard solution 1000 mg/l Hg for AA (mercury(II) nitrate monohydrate in nitric acid 2 mol/l)	294	SE0105	L-Serine, extra pure, Ph.Eur. BP USP	257
MO0021	Molybdenum, standard solution 1000 mg/l Mo for AA (ammonium heptamolybdate in water)	294	SO0400	Sodium L-glutamate monohydrate, extra pure, NF	271
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AC1613	Nitric acid, solution 65% w/w, ppb-trace analysis grade	204			
AC2051	Sulfuric acid, 94%, ppb-trace analysis grade	313			
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AC1605	Nitric Acid, solution min. 65% w/w, reagent grade, ISO, max. 0.0000005% Hg	204			
AC1604	Nitric Acid, solution min. 60% w/w, reagent grade, ISO, max. 0.0000005% Hg	205			
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AC0326	Acetonitrile, 99.9%, anhydrous (max. 0.001% H ₂ O)	11			
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ME0555	tert-Butyl methyl ether, 99.5%, anhydrous (max. 0.005% H ₂ O)	54			
ME0556	tert-Butyl methyl ether, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	54			
CL0202	Chloroform, 99.9%, anhydrous (max. 0.003% H ₂ O), stabilized with 150 ppm of amylene	68			
CL0219	Chloroform, 99.9%, anhydrous (max. 0.003% H ₂ O), with molecular sieves, stabilized with 150 ppm of amylene	68			
CI0030	Cyclohexane, 99.7%, anhydrous (max. 0.005% H ₂ O)	81			
CI0029	Cyclohexane, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	82			
DI0411	1,2-Dichloroethane, 99.5%, anhydrous (max. 0.005% H ₂ O)	86			
CL0338	Dichloromethane, dried (max. 0.005% H ₂ O), reagent grade, stabilized with approx. 50 ppm of amylene	87			
CL0349	Dichloromethane, 99.9%, anhydrous (max. 0.003% H ₂ O), stabilized with approx. 50 ppm of amylene	89			
CL0350	Dichloromethane, 99.9%, anhydrous (max. 0.003% H ₂ O), with molecular sieves	89			
ET0080	Diethyl ether, dried (max. 0.007% H ₂ O), reagent grade, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	93			
ET0083	Diethyl ether, 99.7%, anhydrous (max. 0.005% H ₂ O), stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	93			
ET0074	Diethyl ether, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	93			
ET0089	Diisopropyl ether, 99.5%, anhydrous (max. 0.005% H ₂ O), stabilized with approx. 10 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	95			
DI0861	N,N-Dimethylacetamide, 99.5%, anhydrous (max. 0.005% H ₂ O)	97			
DI0863	N,N-Dimethylacetamide, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	97			
DI0171	N,N-Dimethylformamide, dried (max. 0.01% H ₂ O), reagent grade	99			
DI0963	N,N-Dimethylformamide, 99.8%, anhydrous (max. 0.005% H ₂ O)	100			
DI0173	N,N-Dimethylformamide, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	100			
SU0157	Dimethyl sulfoxide, dried (max. 0.01% H ₂ O), reagent grade	102			
SU0152	Dimethyl sulfoxide, 99.9%, anhydrous (max. 0.005% H ₂ O)	103			
SU0158	Dimethyl sulfoxide, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	104			
DI1290	1,4-Dioxane, dried (max. 0.005% H ₂ O), reagent grade, stabilized with 2.5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	106			
DI1288	1,4-Dioxane, 99.5%, anhydrous (max. 0.005% H ₂ O), stabilized with 2.5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	106			
DI1294	1,4-Dioxane, 99%, anhydrous (max. 0.005% H ₂ O), with molecular sieves, stabilized with 2.5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	106			
AC0144	Ethyl acetate, 99.8%, anhydrous (max. 0.005% H ₂ O)	118			
AC0141	Ethyl acetate, 99.8%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	119			
HE0126	n-Heptane, 99%, anhydrous (max. 0.003% H ₂ O)	140			
HE0129	n-Heptane, 99%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	140			
HE0233	n-Hexane, 96%, anhydrous (max. 0.002% H ₂ O)	144			
HE0236	n-Hexane, 96%, anhydrous (max. 0.003% H ₂ O), with molecular sieves	144			
ME0314	Methanol, 99.9%, anhydrous (max. 0.003% H ₂ O)	187			
ME0325	Methanol, 99.8%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	187			
ME0498	1-Methyl-2-pyrrolidone, 99.5%, anhydrous (max. 0.005% H ₂ O)	194			

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Anhydrous Solvents (continuation)		
ME0502	1-Methyl-2-pyrrolidone, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	194
AL0316	2-Propanol, dried (max. 0.01% H ₂ O), reagent grade, ACS, ISO	248
AL0317	2-Propanol, 99.8%, anhydrous (max. 0.005% H ₂ O)	250
AL0324	2-Propanol, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	250
PI0124	Pyridine, dried (max. 0.01% H ₂ O), reagent grade	252
PI0125	Pyridine, 99.5%, anhydrous (max. 0.005% H ₂ O)	252
PI0126	Pyridine, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	252
TE0223	Tetrahydrofuran, dried (max. 0.005% H ₂ O), reagent grade, stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	321
TE0222	Tetrahydrofuran, 99.8%, anhydrous (max. 0.005% H ₂ O), stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	321
TE0229	Tetrahydrofuran, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves, stabilized with 2,6-Di-tert-butyl-4-methylphenol (BHT)	322
TO0074	Toluene, dried (max. 0.0075% H ₂ O), reagent grade, ACS, ISO	327
TO0084	Toluene, 99.8%, anhydrous (max. 0.003% H ₂ O)	329
TO0087	Toluene, 99.5%, anhydrous (max. 0.005% H ₂ O), with molecular sieves	329
ISO161	2,2,4-Trimethylpentane, 99.5%, anhydrous (max. 0.003% H ₂ O)	337
ISO164	2,2,4-Trimethylpentane, 99.5%, anhydrous (max. 0.003% H ₂ O), with molecular sieves	337

ASTM Products for Petroleum and lubricant industry

BR0070	Bromide-bromate, solution 0.05 mol/l (0.1 N), according to ASTM D5776-99	43
ME0736	Bromine index solution, according to ASTM D5776-99	43
SO1012	Doctor solution (sodium plumbite), according to ASTM D235, reagent for sulfides	108
HD1335	n-Heptane, 99%, ASTM	140
ME0790	Mixture T.A.N. (toluene/isopropyl alcohol/water), according to ASTM D974	197
ME0513	Mixture T.B.N. : chlorobenzene/acetic acid, 2:1 v/v, according to ASTM D974, extra pure	197
ME0515	Mixture T.B.N. : chlorobenzene/acetic acid, 2:1 v/v, according to ASTM D2896, reagent grade	197
ME0516	Mixture T.B.N., according to ASTM D4739	197
QC0010	n-Octane, min. 80%, ASTM	208
TO0083	Toluene, ASTM	329
ISO160	2,2,4-Trimethylpentane, ASTM	337

Buffer Substances

AC0578	Boric acid, reagent grade, ACS, ISO, Reag. Ph Eur	42
CA0194	Calcium chloride dihydrate, powder, reagent grade, ACS	57
AC0725	Citric acid monohydrate, reagent grade, ACS, ISO, Reag. Ph Eur	73
AC1100	ortho-Phosphoric acid, 85%, reagent grade, ACS, ISO, Reag. Ph Eur	223
PO0200	Potassium chloride, reagent grade, Reag. Ph Eur	231
PO0260	Potassium dihydrogen phosphate, reagent grade, ACS, ISO, Reag. Ph Eur	234
PO0130	Potassium hydrogen phthalate, reagent grade, Reag. Ph Eur	237
PO0275	Potassium hydroxide, pellets, reagent grade, ACS, ISO, Reag. Ph Eur	238
SO0118	Sodium carbonate decahydrate, reagent grade, ISO, Reag. Ph Eur	265
SO0227	Sodium chloride, reagent grade, ACS, ISO, Reag. Ph Eur	266
SO0131	Sodium hydrogen carbonate, reagent grade, ACS, ISO, Reag. Ph Eur	272
SO0343	di-Sodium hydrogen phosphate dodecahydrate, reagent grade, ISO	274
SO0425	Sodium hydroxide, pellets, reagent grade, ACS, ISO, Reag. Ph Eur	275
SO0707	di-Sodium tetraborate decahydrate, reagent grade, ACS, ISO	288

Clinical Diagnosis

RE0001	Benedict's reagent, for qualitative determination of sugar	34
RE0002	Benedict's reagent, for quantitative determination of sugar	34
RE0004	Esbach's reagent	111
RE0005	Fehling's solution, solution A: copper(II) sulfate, Ph Eur, for determination of sugar	127
RE0006	Fehling's solution, solution B: potassium sodium tartrate, alkaline, Ph Eur, for determination of sugar	127
RE0018	Folin-Ciocalteu, phenol reagent	128
RE0040	Millon's reagent	196

Complexometric Indicators

RO0070	Alizarin red S, C.I. 58005, reagent grade	16
RO0071	Alizarin red S, solution 0.1%	16
AL0860	Aluminon, reagent for aluminium, ACS	18
VE0070	Bromocresol green, indicator	44
CA0165	Calcein, indicator for metal titration	56
AC0635	Calciconcarboxylic acid, indicator for metal titration	60
CR0235	Chromotrop 2 R, C.I. 16570, for complexometry	71
NE0045	Eriochrome black T, C.I. 14645, indicator for metal titration	110
NE0048	Eriochrome black T, solution 1%, for complexometry	110
NE0030	Eriochrome blue-black B, C.I. 14640	111
NE0035	Eriochrome blue-black R, C.I. 15705	111
AZ0155	Eriochrome blue SE, C.I. 18680, indicator for metal titration	111
ER0050	Eriochrome cyanine R, C.I. 43820, reagent grade	111
GL0095	Glyoxal bis-(2-hydroxyamyl), reagent grade, Reag. Ph Eur	136
HE0070	Hematoxylin, C.I. 75290, pH indicator	138

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HI0257	8-Hydroxyquinoline, synthesis grade	155
AZ0205	Methylthymol blue, tetrasodium salt, indicator	195
MI0020	Murexide, indicator for metal titration	199
PI0100	4-(2-Pyridylazo)-resorcinol, monosodium salt monohydrate, reagent grade, Reag. Ph Eur	253
RO0165	Pyrogallol red, indicator for metal titration	253
SO0270	Sodium diethyldithiocarbamate trihydrate, reagent grade, ACS	269
SO0615	Sodium rhodizone, indicator for metal titration, reagent grade	286
SO2000	SPADNS solution	291
TI0250	Thionine, C.I. 52000, for microscopy	324
TI0303	Thioresorcin, reagent grade, ACS	324
AM0095	Titan yellow, C.I. 19540, reagent for magnesium and indicator	326
AN0090	Xylenol orange, tetrasodium salt, indicator for metal titration, ACS	346
CI0225	Zincin, for the photometric determination of copper and zinc	348

Concentrated Volumetric Solutions

AM0418	Ammonium thiocyanate, concentrated solution to prepare 1 l of solution 0.1 mol/l (0.1 N)	29
AC0996	Ethylenediaminetetraacetic acid, EDTA, disodium salt, concentrated solution to prepare 1 l of solution 0.1 mol/l (0.2 N)	122
AC0966	Ethylenediaminetetraacetic acid, EDTA, disodium salt, concentrated solution to prepare 1 l of solution 0.01 mol/l (0.02 N)	122
AC0743	Hydrochloric acid, concentrated solution to prepare 1 l of solution 1 mol/l (1 N)	152
AC0759	Hydrochloric acid, concentrated solution to prepare 1 l of solution 0.5 mol/l (0.5 N)	152
AC0742	Hydrochloric acid, concentrated solution to prepare 1 l of solution 0.1 mol/l (0.1 N)	152
Y00022	Iodine, concentrated solution to prepare 1 l of solution 0.05 mol/l (0.1 N)	158
PO0221	Potassium dichromate, concentrated solution to prepare 1 l of solution 1/60 mol/l (0.1 N)	234
PO0277	Potassium hydroxide, concentrated solution to prepare 1 l of solution 1 mol/l (1 N)	239
PO0276	Potassium hydroxide, concentrated solution to prepare 1 l of solution 0.1 mol/l (0.1 N)	239
PO0333	Potassium permanganate, concentrated solution to prepare 1 l of solution 0.02 mol/l (0.1 N)	244
PL0051	Silver nitrate, concentrated solution to prepare 1 l of solution 0.1 mol/l (0.1 N)	261
SO0231	Sodium chloride, concentrated solution to prepare 1 l of solution 0.1 mol/l (0.1 N)	267
SO0428	Sodium hydroxide, concentrated solution to prepare 1 l of solution 1 mol/l (1 N)	279
SO0434	Sodium hydroxide, concentrated solution to prepare 1 l of solution 0.5 mol/l (0.5 N)	279
SO0427	Sodium hydroxide, concentrated solution to prepare 1 l of solution 0.1 mol/l (0.1 N)	279
SO0438	Sodium hydroxide, concentrated solution to prepare 1 l of solution 0.01 mol/l (0.01 N)	279
SO0728	Sodium thiosulfate, concentrated solution to prepare 1 l of solution 0.1 mol/l (0.1 N)	290
SO0738	Sodium thiosulfate, concentrated solution to prepare 1 l of solution 0.01 mol/l (0.01 N)	290
AC2073	Sulfuric acid, concentrated solution to prepare 1 l of solution 0.5 mol/l (1 N)	316
AC2072	Sulfuric acid, concentrated solution to prepare 1 l of solution 0.05 mol/l (0.1 N)	316

Conductivity Standards

PA0103	Conductivity standard, 50000 µS/cm (25 °C), KCl aqueous solution	307
PA0102	Conductivity standard, 12880 µS/cm (25 °C), KCl 0.1 mol/l	307
PA0101	Conductivity standard, 1413 µS/cm (25 °C), KCl 0.01 mol/l	307
PA0100	Conductivity standard, 147 µS/cm (25 °C), KCl 0.001 mol/l	307

Chemical Oxygen Demand

HI0316	Ammonium iron(II) sulfate hexahydrate, reagent grade, ACS, ISO, Reag. Ph Eur	26
HI0318	Ammonium iron(II) sulfate, solution - 0.12 mol/l (0.12 N), for COD determination, according to ISO 6060	26
ME0227	Mercury(II) sulfate, reagent grade, ACS	183
PO0220	Potassium dichromate, reagent grade, ACS, ISO, Reag. Ph Eur	232
PO0233	Potassium dichromate, solution 0.04 mol/l, for COD determination	233
PO0234	Potassium dichromate 0.04 mol/l / mercury(II) sulfate 80 g/l, solution in sulfuric acid, for COD determination, according to ISO 6060	233
PL0071	Silver sulfate, reagent grade, ACS	261
PL0072	Silver sulfate, solution 1% in sulfuric acid, for COD determination, according to ISO 6060	262
PL0073	Silver sulfate, solution 0.66% in sulfuric acid	262
AC2069	Sulfuric acid, 95 - 97%, reagent grade, ISO	312
AC2075	Sulfuric acid, solution 4 mol/l (8 N), for COD determination, according to ISO 6060	314

Dessication Media

CA0190	Calcium chloride anhydrous, granulated, extra pure	57
CA0260	Calcium oxide, natural, granulated	59
TA0140	Molecular sieve 3 Å, pearl-shaped, 2 - 3 mm	198
TA0141	Molecular sieve 4 Å, pearl-shaped, 2 - 3 mm	198
TA0142	Molecular sieve 5 Å, pearl-shaped, 2 - 3 mm	198
AN0215	di-Phosphorus pentoxide, synthesis grade	224
GE0042	Silica gel with humidity indicator (orange), 1 - 3 mm	257
GE0043	Silica gel with humidity indicator (orange), 2.5 - 6 mm	257
TI0010	Siliceous earth, purified and calcined, extra pure, USP, NF	258
SO0665	Sodium sulfate anhydrous, powder, extra pure, Ph Eur	286
SO0664	Sodium sulfate anhydrous, powder, reagent grade, ACS, ISO, Reag. Ph Eur	286
CI0159	Zinc chloride, synthesis grade	347

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DNA Synthesis		
AN0156	Acetic anhydride, DNA synthesis grade	4
AC0336	Acetonitrile, max. 0.003% H ₂ O, DNA synthesis grade	11
AC0337	Acetonitrile, max. 0.001% H ₂ O, DNA synthesis grade	11
DI0410	1,2-Dichloroethane, max. 0.005% H ₂ O, DNA synthesis grade	86
CL0343	Dichloromethane, DNA synthesis grade	90
DI1296	1,4-Dioxane, dried (max. 0.005% H ₂ O), DNA synthesis grade, stabilized with 1 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	107
AC0150	Ethyl acetate, max. 0.005% H ₂ O, DNA synthesis grade	119
ET0097	Petroleum ether, boiling range 40 - 60 °C, DNA synthesis grade	218

Electrode Auxiliary Solutions

PO0205	Potassium chloride, solution 3 mol/l, for filling electrodes	231
PO0206	Potassium chloride, solution 3,5 mol/l with silver chloride, for filling electrodes	231

Extra Pure Solvents

AC0342	Acetic acid glacial, extra pure, Ph Eur, BP USP	1
AC0312	Acetone, extra pure, Ph Eur, BP NF, packed in UHDE bottles	4
AC0313	Acetone, extra pure, Ph Eur, BP NF	5
AC0335	Acetonitrile, extra pure	8
BE0031	Benzene, extra pure	35
AL0162	Benzyl alcohol, extra pure, Ph Eur, BP NF	39
AL0164	Benzyl alcohol (benzaldehyde < 0.05%), extra pure, Ph Eur, BP NF	39
AL0170	1-Butanol, extra pure, USP NF	50
ME0550	tert-Butyl methyl ether, extra pure	53
SU0170	Carbon disulfide, extra pure	61
CL0200	Chloroform, extra pure, Ph Eur, stabilized with ethanol	66
CL0210	Chloroform, extra pure, stabilized with 150 ppm of amylene	67
CI0031	Cyclohexane, extra pure	80
DI0406	1,2-Dichloroethane, extra pure	85
CL0331	Dichloromethane, extra pure, stabilized with approx. 50 ppm of amylene, Ph Eur, NF	87
DI0472	Diethanolamine, extra pure, NF, Reag. Ph Eur	90
ET0078	Diethyl ether, extra pure, Ph Eur, BP, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	92
DI0810	Diisobutyl ketone, extra pure	94
DI0086	Diisopropyl ether, extra pure, stabilized with approx. 10 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	95
DI0652	N,N-Dimethylformamide, extra pure	99
SU0151	Dimethyl sulfoxide, extra pure, Ph Eur, USP	102
DI1287	1,4-Dioxane, extra pure, stabilized with 2,5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	105
ET0006	Ethanol absolute, extra pure, Ph Eur, BP USP	112
ET0003	Ethanol 96% v/v, extra pure, Ph Eur, BP	114
AC0143	Ethyl acetate, extra pure, Ph Eur, BP NF	116
ET0164	Ethylene glycol, extra pure, packed in UHDE bottles	123
ME0456	Ethyl methyl ketone, extra pure	125
FO0025	Formamide, extra pure	129
GL0027	Glycerol, 99%, extra pure, Ph Eur, BP USP	135
HE0125	n-Heptane, 99%, extra pure	139
HE0120	Heptane, fraction from petroleum, extra pure	141
HE0227	n-Hexane, 96%, extra pure	142
HE0220	Hexane, fraction from petroleum, extra pure	144
AL0285	Isomyl alcohol, mixture of isomers, extra pure	160
ME0301	Methanol, extra pure, Ph Eur, NF	184
PE0095	n-Pentane, 99%, extra pure	214
ET0088	Petroleum ether, boiling range 30 - 40 °C, extra pure, Reag. Ph Eur	217
ET0091	Petroleum ether, boiling range 40 - 60 °C, extra pure	217
ET0096	Petroleum ether, boiling range 50 - 70 °C, extra pure, Reag. Ph Eur	218
ET0100	Petroleum ether, boiling range 60 - 80 °C, extra pure	219
ET0105	Petroleum ether, boiling range 65 - 95 °C, extra pure	219
ET0103	Petroleum ether, boiling range 100 - 120 °C, extra pure, Reag. Ph Eur	219
AL0436	1-Propanol, extra pure, Ph Eur	247
AL0311	2-Propanol, extra pure, Ph Eur, BP, USP	247
PI0121	Pyridine, extra pure	252
TE0125	Tetrachloroethene, extra pure	319
TE0220	Tetrahydrofuran, extra pure, stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	320
TO0073	Toluene, extra pure	327
TR0150	Trichloroethene, extra pure, stabilized with ethanol	332
IS0153	2,2,4-Trimethylpentane, extra pure	336
AC0030	Vaseline oil, extra pure, Ph Eur, BP, USP	342
XI0025	o-Xylene, extra pure, Reag. Ph Eur	344
XI0051	Xylene, mixture of isomers, extra pure	345

Food Analysis

RE0025	ADF detergent fibre reagent, ADF according to Van Soest	13
AC0578	Boric acid, reagent grade, ACS, ISO, Reag. Ph Eur	42
AC0579	Boric acid, solution 4% w/v	42
RE0016	Carrez's Reagent I	61

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RE0017	Carrez's Reagent II	61
RE0005	Fehling's solution, solution A: copper(II) sulfate, Ph Eur, for determination of sugar	127
RE0006	Fehling's solution, solution B: potassium sodium tartrate, alkaline, Ph Eur, for determination of sugar	127
RE0018	Folin-Ciocalteu, phenol reagent	128
RE0020	Hanus solution, IBr solution 0.1 mol/l (0.2 N)	138
AC3350	Hydroiodic acid, 57%, reagent grade	148
AC0760	Hydrochloric acid-water, solution 50.50 v/v, reagent grade	150
AC0752	Hydrochloric acid, solution 6 mol/l (6 N)	150
AC0738	Hydrochloric acid, solution 6 mol/l (3 N)	150
AC0789	Hydrochloric acid, solution 0.31 mol/l (0.31 N)	151
HI0135	Hydrogen peroxide, solution 30% w/w (110 vol), extra pure	153
HI0130	Hydrogen peroxide, solution 0.9% w/v (3 vol), for determination of sulfurous gas (SO ₂) according to Paul	154
CA0393	Kjeldahl catalyst (Cu-Se), tablets 5 g	167
CA0394	Kjeldahl catalyst (Cu-Se), tablets 1 g	167
CA0396	Kjeldahl catalyst (Cu-Se), tablets 4 g	167
ME0680	Kjeldahl catalyst (Cu-Se), for quick determination of nitrogen, according to Wieneringer	168
ME0213	Mercuric(II) oxide, yellow, reagent grade, ACS, Reag. Ph Eur	183
IN0040	Mixed indicator I, for determination of sulfurous gas (SO ₂) according to Paul	196
RE0050	Nessler's reagent	201
RE0015	Neutral detergent fibre reagent, NDF according to Van Soest	201
PE0125	Pepsin 1:10000 NF	216
FO0030	Phosphorus red, extra pure	224
PO0349	Potassium hexacyanoferrate(II), solution 10% w/v	235
PO0283	Potassium hydroxide, solution 0.23 mol/l (0.23 N), for determination of crude fibre, according to Weende	239
PO0416	Potassium iodide, solution 30% w/v	241
PO0372	Potassium thiocyanate, solution 5% w/v	246
SO0422	Sodium hydroxide, solution 40% w/v, extra pure	276
SO0426	Sodium hydroxide, solution 32% w/v, for the determination of nitrogen	276
SO0421	Sodium hydroxide, solution 30% w/v, extra pure	276
SO0430	Sodium hydroxide, solution 1.66 mol/l (1.66 N)	277
SO0452	Sodium hydroxide, solution 0.4 mol/l (0.4 N)	277
SO0449	Sodium hydroxide, solution 0.3546 mol/l (0.3546 N)	277
SO0429	Sodium hydroxide, solution 1/9 mol/l (1/9 N)	278
SO0465	Sodium hydroxide, solution 1/49 mol/l (1/49 N)	279
SO0727	Sodium thiosulfate pentahydrate, reagent grade, ACS, ISO, Reag. Ph Eur	289
AC2054	Sulfuric acid, solution 90 - 91% w/w, for Gerber fat determination and testing nitrates in milk	313
AC2092	Sulfuric acid, solution 62% w/w, according to Röder and Van Gulik, for determination of fat in milk	313
AC2074	Sulfuric acid, solution 1/3 v/v	313
AC2084	Sulfuric acid, solution 0.13 mol/l (0.26 N)	315
AC2106	Sulfuric acid, solution 0.1275 mol/l (0.255 N)	315
RE0070	Wies solution, ICI solution 0.1 mol/l (0.2 N)	344

GC

AC0308	Acetone, for GC residue analysis	6
AC0309	Acetone, GC ultra-trace analysis grade	6
AC0338	Acetonitrile, for GC residue analysis	10
AC0341	Acetonitrile, GC ultra-trace analysis grade	10
ME0553	tert-Butyl methyl ether, for GC residue analysis	54
CL0208	Chloroform, for GC residue analysis, stabilized with ethanol	68
CI0035	Cyclohexane, for GC residue analysis	81
CI0036	Cyclohexane, GC ultra-trace analysis grade	81
CL0340	Dichloromethane, for GC residue analysis, stabilized with ethanol	89
CL0345	Dichloromethane, for GC residue analysis, stabilized with approx. 50 ppm of amylene	89
CL0341	Dichloromethane, GC ultra-trace analysis grade, stabilized with ethanol	89
DI0862	N,N-Dimethylacetamide, GC head space grade	96
DI0688	N,N-Dimethylformamide, for GC residue analysis	100
DI0174	N,N-Dimethylformamide, GC head space grade	100
SU0165	Dimethyl sulfoxide, GC head space grade	103
AC0148	Ethyl acetate, for GC residue analysis	118
AC0149	Ethyl acetate, GC ultra-trace analysis grade	118
AC1235	Heptafluorobutyric acid, 99.5%	139
HE0238	n-Hexane, 96%, for GC residue analysis	143
HE0239	n-Hexane, 96%, GC ultra-trace analysis grade	144
HE0223	Hexane, fraction from petroleum, for GC residue analysis	145
ME0318	Methanol, for GC residue analysis	186
ME0319	Methanol, GC ultra-trace analysis grade	187
ME0503	1-Methyl-2-pyrrolidone, GC head space grade	194
ME0500	Mixture ethyl acetate/cyclohexane, 1:1 v/v, for GC residue analysis	196
PE0099	n-Pentane, 99%, for GC residue analysis	215
PE0100	n-Pentane, 99%, GC ultra-trace analysis grade	215
ET0098	Petroleum ether, boiling range 40 - 60 °C, for GC residue analysis	218
ET0099	Petroleum ether, boiling range 40 - 60 °C, GC ultra-trace analysis grade	218
AL0319	2-Propanol, for GC residue analysis	249
SO0670	Sodium sulfate anhydrous, for GC residue analysis	287
TO0081	Toluene, for GC residue analysis	328
TO0082	Toluene, GC ultra-trace analysis grade	328
IS0157	2,2,4-Trimethylpentane, for GC residue analysis	337

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GC (continuation)		
AG0014	Water, GC head space grade	343

HPLC Auxiliaries

AC0346	Acetic acid glacial, HPLC grade	2
AM0255	Ammonium acetate, HPLC grade	21
AM0267	Ammonium carbonate, HPLC grade	23
SO1020	Buffer solution for HPLC, pH = 6 (potassium dihydrogen phosphate/sodium hydroxide)	49
PO0261	Potassium dihydrogen phosphate, HPLC grade	234
PO0270	di-Potassium hydrogen phosphate trihydrate, HPLC grade	237
SO0030	Sodium acetate trihydrate, HPLC grade	263
SO0325	Sodium formate, HPLC grade	271
SO0130	Sodium hydrogen carbonate, HPLC grade	272
SO0345	di-Sodium hydrogen phosphate dihydrate, HPLC grade	274
SO0456	Sodium lauryl sulfate, for ion-pair chromatography	281
TR0218	Triethylamine, HPLC grade	334
AC3143	Trifluoroacetic acid, buffer substance, HPLC grade	335

HPLC Grade Solvents

AC0310	Acetone, Multisolvant® HPLC grade ACS ISO UV-VIS	6
AC0333	Acetonitrile, Multisolvant® HPLC grade ACS UV-VIS	8
AC0340	Acetonitrile, isocratic HPLC grade	9
AC0329	Acetonitrile, gradient 240nm for UV HPLC grade	9
AC0331	Acetonitrile, supragradient HPLC grade	9
AC0335	Acetonitrile, fluorescence HPLC grade	10
BE0041	Benzene, Multisolvant® HPLC grade ACS ISO UV-VIS	36
AL0175	1-Butanol, HPLC grade	51
ME0552	tert-Butyl methyl ether, HPLC grade	53
CL0120	1-Chlorobutane, HPLC grade	66
CL0218	Chloroform, stabilized with ethanol, Multisolvant® HPLC grade ACS ISO UV-VIS	67
CL0207	Chloroform, HPLC grade, stabilized with amylene (approx. 150 ppm)	68
QI0039	Cyclohexane, Multisolvant® HPLC grade ACS ISO UV-VIS	80
DO4049	1,2-Dichloroethane, HPLC grade	86
QI0347	Dichloromethane, stabilized with approx. 50 ppm of amylene, Multisolvant® HPLC grade ACS ISO UV-VIS	88
CL0335	Dichloromethane, HPLC grade, stabilized with ethanol	88
ET0082	Diethyl ether, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT), Multisolvant® ACS ISO	93
DO0860	N,N-Dimethylacetamide, HPLC grade	96
DI0072	N,N-Dimethylformamide, Multisolvant® HPLC grade ACS ISO UV-VIS	99
SI0155	Dimethyl sulfoxide, HPLC grade	103
DI1292	1,4-Dioxane, HPLC grade, stabilized with 1 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	106
ET0015	Ethanol absolute, Multisolvant® HPLC grade ACS ISO UV-VIS	113
ET0010	Ethanol absolute, gradient HPLC grade	113
ET0013	Ethanol 96% v/v, Multisolvant® HPLC grade ACS UV-VIS	115
AC0155	Ethyl acetate, Multisolvant® HPLC grade ACS ISO UV-VIS	117
EX0001	Extrachrom® eluent HPLC grade	126
HE0131	n-Heptane, 99%, HPLC grade	140
HE0242	n-Hexane, 99%, HPLC grade	142
HE0234	n-Hexane, 96%, Multisolvant® HPLC grade ACS UV-VIS	143
HE0221	Hexane, fraction from petroleum, Multisolvant® HPLC grade ACS	145
IS0122	Isohexane, Multisolvant® HPLC grade UV-VIS	162
IS0162	Isocetanol, HPLC grade	162
ME0315	Methanol, Multisolvant® HPLC grade ACS ISO UV-VIS K.F.	185
ME0310	Methanol, isocratic HPLC grade (254 nm)	185
ME0306	Methanol, supragradient HPLC grade	186
ME0317	Methanol, fluorescence HPLC grade	186
PE0097	n-Pentane, 99%, HPLC grade	214
ET0095	Petroleum ether, boiling range 40 - 60 °C, Multisolvant® HPLC grade ACS ISO UV-VIS	218
AL0438	1-Propanol, HPLC grade	247
AL0321	2-Propanol, Multisolvant® HPLC grade ACS ISO UV-VIS	248
AL0315	2-Propanol, gradient HPLC grade	249
TE0127	Tetrachloroethene, Multisolvant® HPLC grade UV-VIS	319
TE0225	Tetrahydrofuran, HPLC grade, without stabilizer	321
TO0085	Toluene, Multisolvant® HPLC grade ACS ISO UV-VIS	328
TR0120	1,2,4-Trichlorobenzene, HPLC grade	332
IS0156	2,2,4-Trimethylpentane, HPLC grade	337
AG0001	Water, gradient HPLC grade	343
XI0059	Xylene, mixture of isomers, Multisolvant® ACS	345

ICP Standards

AL0753	Aluminium, standard solution 1000 mg/l Al for ICP (aluminium in nitric acid 2%)	296
AN0444	Antimony, standard solution 1000 mg/l Sb for ICP (antimony in hydrochloric acid 10%)	296
AR0155	Arsenic, standard solution 1000 mg/l As for ICP (arsenic in nitric acid 2%)	296
BA0015	Barium, standard solution 1000 mg/l Ba for ICP (barium carbonate in nitric acid 2%)	296
BE0345	Beryllium, standard solution 1000 mg/l Be for ICP (beryllium oxide in hydrochloric acid 2%)	296
BI0135	Bismuth, standard solution 1000 mg/l Bi for ICP (bismuth in nitric acid 2%)	296

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BO0017	Boron, standard solution 1000 mg/l B for ICP (boric acid in water)	296
CA0044	Cadmium, standard solution 1000 mg/l Cd for ICP (cadmium in nitric acid 2%)	296
CA0179	Calcium, standard solution 1000 mg/l Ca for ICP (calcium carbonate in nitric acid 2%)	297
CE0037	Cerium, standard solution 1000 mg/l Ce for ICP (cerium(IV) oxide in nitric acid 5%)	297
CE0107	Cesium, standard solution 1000 mg/l Cs for ICP (cesium chloride in water)	297
CR0226	Chromium, standard solution 1000 mg/l Cr for ICP (chromium(III) nitrate nonahydrate in nitric acid 2%)	297
CO0013	Cobalt, standard solution 1000 mg/l Co for ICP (cobalt in nitric acid 2%)	297
CO0080	Copper, standard solution 1000 mg/l Cu for ICP (copper in nitric acid 2%)	297
DI1300	Dysprosium, standard solution 1000 mg/l Dy for ICP (dysprosium oxide in nitric acid 2%)	297
ER0030	Erbium, standard solution 1000 mg/l Er for ICP (erbium oxide in nitric acid 2%)	297
EU0051	Europium, standard solution 1000 mg/l Eu for ICP (europium(III) oxide in nitric acid 2%)	298
GA0010	Gadolinium, standard solution 1000 mg/l Gd for ICP (gadolinium oxide in nitric acid 2%)	298
GA0035	Gallium, standard solution 1000 mg/l Ga for ICP (gallium in nitric acid 2%)	298
GE0071	Germanium, standard solution 1000 mg/l Ge for ICP (germanium in nitric acid 5% + hydrofluoric acid 1%)	298
OR0062	Gold, standard solution 1000 mg/l Au for ICP (gold in hydrochloric acid 5%)	298
HA0010	Hafnium, standard solution 1000 mg/l Hf for ICP (hafnium in nitric acid 5% + hydrofluoric acid 1%)	298
HO0010	Holmium, standard solution 1000 mg/l Ho for ICP (holmium(III) oxide in nitric acid 2%)	298
IN0087	Iridium, standard solution 1000 mg/l Ir for ICP (iridium in nitric acid 2%)	298
IR0010	Iridium, standard solution 1000 mg/l Ir for ICP (ammonium hexachloroiridate(VI) in hydrochloric acid 5%)	299
LI0290	Iron, standard solution 1000 mg/l Fe for ICP (iron in nitric acid 2%)	299
LA0080	Lanthanum, standard solution 1000 mg/l La for ICP (lanthanum oxide in nitric acid 2%)	299
PL0107	Lead, standard solution 1000 mg/l Pb for ICP (lead in nitric acid 2%)	299
LI0063	Lithium, standard solution 1000 mg/l Li for ICP (lithium carbonate in nitric acid 2%)	299
LU0015	Lutetium, standard solution 1000 mg/l Lu for ICP (lutetium oxide in nitric acid 2%)	299
MA0015	Magnesium, standard solution 1000 mg/l Mg for ICP (magnesium in nitric acid 2%)	299
MA0115	Manganese, standard solution 1000 mg/l Mn for ICP (manganese in nitric acid 2%)	299
ME0115	Mercury, standard solution 1000 mg/l Hg for ICP (mercury in nitric acid 5%)	300
MO0023	Molybdenum, standard solution 1000 mg/l Mo for ICP (molybdenum in ammonia 2%)	300
NE0063	Neodymium, standard solution 1000 mg/l Nd for ICP (neodymium oxide in nitric acid 2%)	300
NI0125	Nickel, standard solution 1000 mg/l Ni for ICP (nickel in nitric acid 2%)	300
NI0070	Niobium, standard solution 1000 mg/l Nb for ICP (niobium in nitric acid 5% + hydrofluoric acid 1%)	300
OS0055	Osmium, standard solution 1000 mg/l Os for ICP (ammonium hexachlorosmate(VI) in hydrochloric acid 5%)	300
PA0065	Palladium, standard solution 1000 mg/l Pd for ICP (palladium in hydrochloric acid 5%)	300
PO0035	Phosphorus, standard solution 1000 mg/l P for ICP (ammonium dihydrogen phosphate in sulfuric acid 0.05%)	300
PT0005	Platinum, standard solution 1000 mg/l Pt for ICP (platinum in hydrochloric acid 5%)	301
PO0108	Potassium, standard solution 1000 mg/l K for ICP (potassium nitrate in water)	301
PR0010	Praseodymium, standard solution 1000 mg/l Pr for ICP (praseodymium oxide in nitric acid 2%)	301
RE0077	Rhenium, standard solution 1000 mg/l Re for ICP (ammonium perrhenate(VII) in water)	301
RU0022	Rhodium, standard solution 1000 mg/l Rh for ICP (ammonium hexachlororhodate in hydrochloric acid 5%)	301
RU0020	Rubidium, standard solution 1000 mg/l Rb for ICP (rubidium chloride in water)	301
RU0062	Ruthenium, standard solution 1000 mg/l Ru for ICP (ammonium hexachlororuthenate in hydrochloric acid 5%)	301
SA0010	Samarium, standard solution 1000 mg/l Sm for ICP (samarium in nitric acid 2%)	302
ES0020	Scandium, standard solution 1000 mg/l Sc for ICP (scandium oxide in nitric acid 2%)	302
SE0015	Selenium, standard solution 1000 mg/l Se for ICP (selenium in nitric acid 2%)	302
SI0015	Silicon, standard solution 1000 mg/l Si for ICP (silicon metal silicate in water)	302
PL0007	Silver, standard solution 1000 mg/l Ag for ICP (silver in nitric acid 2%)	302
SO0008	Sodium, standard solution 1000 mg/l Na for ICP (sodium nitrate in water)	302
ES0179	Strontium, standard solution 1000 mg/l Sr for ICP (strontium carbonate in nitric acid 2%)	302
AZ0039	Sulfur, standard solution 1000 mg/l S for ICP (ammonium sulfate in water)	302
TA0200	Tantalum, standard solution 1000 mg/l Ta for ICP (tantalum in nitric acid 5% + hydrofluoric acid 1%)	302
TE0022	Tellurium, standard solution 1000 mg/l Te for ICP (tellurium in hydrochloric acid 20%)	303
TE0005	Terbium, standard solution 1000 mg/l Tb for ICP (terbium oxide in nitric acid 2%)	303
TA0030	Thallium, standard solution 1000 mg/l Tl for ICP (thallium(I) nitrate in nitric acid 2%)	303
TH0006	Thulium, standard solution 1000 mg/l Tm for ICP (thulium in nitric acid 2%)	303
ES0059	Tin, standard solution 1000 mg/l Sn for ICP (tin in hydrochloric acid 10%)	303
TI0036	Titanium, standard solution 1000 mg/l Ti for ICP (titanium in nitric acid 5% + hydrofluoric acid 1%)	303
TI0015	Tungsten, standard solution 1000 mg/l W for ICP (tungsten in ammonia 2%)	303
VA0075	Vanadium, standard solution 1000 mg/l V for ICP (ammonium metavanadate in nitric acid 2%)	303
IT0003	Ytterbium, standard solution 1000 mg/l Yb for ICP (ytterbium oxide in nitric acid 2%)	304
IT0010	Yttrium, standard solution 1000 mg/l Y for ICP (yttrium oxide in nitric acid 2%)	304
CI0128	Zinc, standard solution 1000 mg/l Zn for ICP (zinc in nitric acid 2%)	304
CI0255	Zirconium, standard solution 1000 mg/l Zr for ICP (zirconium in nitric acid 5% + hydrofluoric acid 1%)	304
MU0101	ICP multielement calibration standard solution I, 3 elements in hydrochloric acid 2%	304
MU0102	ICP multielement calibration standard solution II, 4 elements in nitric acid 2%	304
MU0103	ICP multielement calibration standard solution III, 4 elements in hydrochloric acid 1%	304
MU0104	ICP multielement calibration standard solution IV, 7 elements in nitric acid 5%	304
MU0105	ICP multielement calibration standard solution V, 12 elements in aqua regia 5%	305
MU0106	ICP multielement calibration standard solution VI, 16 elements in nitric acid 10%	305
MU0107	ICP multielement calibration standard solution VII, 7 elements in hydrochloric acid 20%	305
MU0108	ICP multielement calibration standard solution VIII, 16 elements in nitric acid 5%	305
MU0109	ICP multielement calibration standard solution IX, 9 elements in nitric acid 5%	305
MU0110	ICP multielement calibration standard solution X, 26 elements in nitric acid 5%	305

Inorganic Reagents

AL0760	Aluminium, powder, synthesis grade	16
AL0740	Aluminium ammonium sulfate dodecahydrate, extra pure, USP	16
AL0770	Aluminium chloride hexahydrate, extra pure, Ph.Eur, BP, USP	16

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AL0795	Aluminium hydroxide, extra pure	17	C00015	Cobalt, powder, extra pure	73
AL0850	Aluminium nitrate nonahydrate, extra pure	17	C00025	Cobalt(II) chloride hexahydrate, extra pure	73
AL0820	Aluminium nitrate nonahydrate, reagent grade, ACS	17	C00027	Cobalt(II) chloride hexahydrate, reagent grade, ACS, ISO, Reag, Ph Eur	73
AL0830	Aluminium oxide, synthesis grade	17	C00045	Cobalt(II) nitrate hexahydrate, extra pure	74
AL0745	Aluminium potassium sulfate dodecahydrate, extra pure, Ph Eur, BP, USP	18	C00046	Cobalt(II) nitrate hexahydrate, reagent grade, ACS, Reag, Ph Eur	74
AL0746	Aluminium potassium sulfate dodecahydrate, reagent grade, ACS, Reag, Ph Eur	18	C00060	Cobalt oxide, black, synthesis grade	74
AL0855	Aluminium sulfate 18-hydrate, extra pure, Ph Eur, BP	18	C00075	Cobalt(II) sulfate heptahydrate, extra pure	74
AM0251	Ammonia, solution 32% w/w, extra pure	19	C00077	Cobalt(II) sulfate heptahydrate, reagent grade	74
AM0252	Ammonia, solution 32% w/w, reagent grade	20	C00093	Copper, powder, extra pure, Reag, Ph Eur	75
AM0395	Ammonium amidosulfonate, reagent grade, ACS, for determination of sulfonamides in blood	22	C00097	Copper(II) chloride, reagent grade, ACS	76
AM0265	Ammonium bromide, extra pure, Ph Eur, BP, NF	22	C00100	Copper(II) chloride dihydrate, extra pure, USP	76
AM0266	Ammonium bromide, reagent grade, ACS	22	C00112	Copper(II) chloride dihydrate, reagent grade, ACS	76
AM0268	Ammonium carbonate, reagent grade, ACS	23	C00110	Copper(II) cyanide, extra pure	76
CE0050	Ammonium cerium(IV) nitrate, synthesis grade	23	C00088	Copper(II) hydroxide carbonate, extra pure	77
CE0060	Ammonium cerium(IV) sulfate dihydrate, synthesis grade	23	C00098	Copper(II) nitrate trihydrate, extra pure	77
AM0270	Ammonium chloride, extra pure, Ph Eur, BP, USP	23	C00091	Copper(II) nitrate trihydrate, reagent grade	77
AM0273	Ammonium chloride, reagent grade, ACS, ISO, Reag, Ph Eur	23	C00099	Copper(II) oxide, extra pure	77
AM0276	Ammonium dichromate, moistened with 0.5 - 3% H2O, extra pure	24	C00087	Copper(II) sulfate anhydrous, extra pure, Ph Eur, BP, USP	77
AM0334	Ammonium dihydrogen phosphate, extra pure	24	C00096	Copper(II) sulfate pentahydrate, extra pure, Ph Eur, BP, USP	78
AM0335	Ammonium dihydrogen phosphate, reagent grade, ACS, Reag, Ph Eur	24	C00101	Copper(II) sulfate pentahydrate, reagent grade, ACS, ISO, Reag, Ph Eur	78
AM0349	Ammonium heptamolybdate tetrahydrate, extra pure, USP	24	CR0135	Crotyl, synthesis grade	79
AM0350	Ammonium heptamolybdate tetrahydrate, reagent grade, ACS, ISO, Reag, Ph Eur	25	BR0175	Cyanogen bromide, synthesis grade	80
AM0330	Ammonium hydrogen carbonate, reagent grade, Reag, Ph Eur	25	GR0012	Gracilite, powder	137
AM0310	di-Ammonium hydrogen phosphate, extra pure, NF	25	HI0080	Hydrazine dihydrochloride, reagent grade	147
AM0312	di-Ammonium hydrogen phosphate, reagent grade, ACS	25	HI0092	Hydrazine hydrate, 100%, synthesis grade	147
AM0480	Ammonium iodide, extra pure	25	HI0110	Hydrazine sulfate, reagent grade, ACS	148
HI0312	Ammonium iron(III) sulfate dodecahydrate, extra pure	25	AC0596	Hydrobromic acid, 48%, reagent grade, ACS, ISO	148
HI0314	Ammonium iron(II) sulfate hexahydrate, extra pure	26	AC0736	Hydrochloric acid, 37%, extra pure, Ph Eur, BP, NF	148
AM0465	Ammonium monovanadate, synthesis grade	27	AC0741	Hydrochloric acid, 37%, reagent grade, ACS, ISO	149
AM0467	Ammonium monovanadate, reagent grade, ACS	27	AC1059	Hydrofluoric acid, solution 48% w/w, extra pure	152
AM0370	Ammonium peroxodisulfate, extra pure, Reag, Ph Eur	27	AC1060	Hydrofluoric acid, solution 48% w/w, reagent grade, ACS, ISO	152
AM0398	Ammonium sulfate, extra pure	28	HI0212	Hydroxylamine hydrochloride, synthesis grade	154
AM0400	Ammonium sulfate, reagent grade, ACS, ISO, Reag, Ph Eur	28	HI0215	Hydroxylamine hydrochloride, reagent grade, ACS, ISO	154
AM0419	Ammonium thiocyanate, reagent grade, ACS, ISO	28	HI0225	Hydroxylammonium sulfate, synthesis grade	155
AM0420	Antimony, granulated, extra pure	31	IN0095	Indium(III) chloride, synthesis grade	156
AM0450	Antimony(III) oxide, synthesis grade	31	IN0105	Indium(III) sulfate, extra pure	156
BA0053	Barium chloride dihydrate, extra pure	33	YO0020	Iodine, resublimed, extra pure, Ph Eur, BP, USP	157
BA0055	Barium chloride dihydrate, reagent grade, ACS, ISO, Reag, Ph Eur	33	YO0019	Iodine, pearls, resublimed, extra pure, Ph Eur, BP, USP	157
BA0063	Barium hydroxide octahydrate, extra pure	33	YO0021	Iodine, resublimed, reagent grade, ACS, ISO, Reag, Ph Eur	157
BA0065	Barium hydroxide octahydrate, reagent grade, ACS, ISO, Reag, Ph Eur	33	HI0303	Iron, powder, extra pure (made by reduction), particle size < 100 µm	158
BA0073	Barium nitrate, extra pure	34	HI0304	Iron, powder, extra pure (made by reduction), particle size < 150 µm	158
BA0075	Barium nitrate, reagent grade, ACS, Reag, Ph Eur	34	HI0320	Iron, turnings, synthesis grade	158
BA0080	Barium sulfate, extra pure, Ph Eur, BP	34	HI0336	Iron(III) chloride hexahydrate, extra pure, Ph Eur	159
BI0225	Bismuth(III) hydroxide nitrate, extra pure, Ph Eur, BP, USP	41	HI0340	Iron(III) nitrate nonahydrate, extra pure, Reag, Ph Eur	159
BI0200	Bismuth oxide, synthesis grade	41	HI0341	Iron(III) oxide, synthesis grade	159
AC0577	Boric acid, extra pure, Ph Eur, BP, USP, NF	42	HI0350	Iron(II) sulfate heptahydrate, extra pure, Ph Eur, BP, USP	159
CA0080	Cadmium, metal, extra pure, Reag, Ph Eur	54	HI0351	Iron(II) sulfate heptahydrate, reagent grade, ACS, ISO, Reag, Ph Eur	159
CA0080	Cadmium chloride 2.5-hydrate, extra pure	55	HI0352	Iron(II) sulfate hydrate, reagent grade	160
CA0075	Cadmium hydroxide, extra pure	55	HI0360	Iron(II) sulfide, for producing hydrogen sulfide	160
CA0135	Cadmium iodide, extra pure	55	LA0090	Lanthanum(III) chloride heptahydrate, reagent grade, ACS	169
CA0097	Cadmium nitrate tetrahydrate, extra pure	55	LA0100	Lanthanum(III) nitrate hexahydrate, reagent grade	169
CA0100	Cadmium nitrate tetrahydrate, reagent grade	55	LA0110	Lanthanum(III) oxide, extra pure	169
CA0110	Cadmium oxide, extra pure	55	PL0120	Lead(II) chloride, extra pure	170
CA0182	Calcium carbonate, precipitated, extra pure, Ph Eur, BP, USP	56	PL0130	Lead(II) chromate, reagent grade	170
CA0184	Calcium carbonate, precipitated, reagent grade, Reag, Ph Eur	56	PL0140	Lead(II) nitrate, reagent grade, ACS	170
CA0197	Calcium chloride anhydrous, powder, extra pure	57	PL0150	Lead(II) oxide, extra pure	171
CA0192	Calcium chloride anhydrous, powder, reagent grade	57	PL0151	Lead(II) oxide, reagent grade	171
CA0193	Calcium chloride dihydrate, powder, extra pure, Ph Eur, BP, USP	57	PL0149	Lead(IV) oxide, extra pure	171
CA0199	Calcium chloride dihydrate, sheets, extra pure	57	PL0155	Lead(II) sulfate, extra pure	171
CA0211	Calcium bis-(dihydrogen phosphate) monohydrate, extra pure	58	PL0152	Lead tetrachloride, reagent grade	171
CA0210	Calcium hydrogen phosphate dihydrate, extra pure, Ph Eur, BP, USP	58	LI0080	Lithium, metal, extra pure, Reag, Ph Eur	172
CA0215	Calcium hydroxide, 90%, synthesis grade	58	LI0098	Lithium carbonate, extra pure, Ph Eur, BP, USP	172
CA0216	Calcium hydroxide, powder, extra pure, Ph Eur, BP, USP	58	LI0100	Lithium carbonate, reagent grade, ACS, Reag, Ph Eur	172
CA0230	Calcium nitrate tetrahydrate, extra pure	59	LI0110	Lithium chloride, extra pure, Reag, Ph Eur	172
CA0231	Calcium nitrate tetrahydrate, reagent grade, ACS	59	LI0140	Lithium hydroxide monohydrate, synthesis grade	173
CA0205	Tri-Calcium phosphate anhydrous, extra pure, Ph Eur, BP	59	LI0141	Lithium hydroxide monohydrate, reagent grade, ACS	173
CA0284	Calcium sulfate dihydrate, extra pure, Ph Eur, BP, NF	60	LI0090	Lithium metaborate, reagent grade	173
CA0285	Calcium sulfate dihydrate, reagent grade, ACS	60	LI0175	Lithium nitrate, extra pure	173
CA0295	Calcium tungstate, extra pure	60	LI0180	Lithium sulfate monohydrate, reagent grade, ACS	173
CE0080	Cerium(III) nitrate hexahydrate, extra pure, Reag, Ph Eur	62	MA0020	Magnesium, powder, synthesis grade	174
CE0090	Cerium(IV) oxide, synthesis grade	62	MA0025	Magnesium, turnings, synthesis grade, according to Grignard	174
CE0100	Cerium(IV) sulfate tetrahydrate, extra pure, Reag, Ph Eur	62	MA0035	Magnesium chloride hexahydrate, extra pure, Ph Eur, BP, USP	174
CE0110	Cesium chloride, reagent grade	62	MA0036	Magnesium chloride hexahydrate, reagent grade, ACS, ISO, Reag, Ph Eur	175
CE0130	Cesium nitrate, extra pure	63	MA0045	Magnesium hydrogen phosphate trihydrate, extra pure	175
CR0190	Chromium(III) chloride hexahydrate, extra pure, Reag, Ph Eur	70	MA0055	Magnesium hydroxide carbonate pentahydrate, synthesis grade	175
CR0194	Chromium(III) nitrate nonahydrate, extra pure	71	MA0048	Magnesium nitrate hexahydrate, extra pure, Reag, Ph Eur	175
AN0200	Chromium(VI) oxide, extra pure, Reag, Ph Eur	71	MA0050	Magnesium nitrate hexahydrate, reagent grade, ACS	175
CR0230	Chromium(III) potassium sulfate dodecahydrate, extra pure	71	MA0060	Magnesium oxide, extra pure, Ph Eur, BP, USP	176

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MA0080	Magnesium sulfate anhydrous, extra pure	176
MA0084	Magnesium sulfate heptahydrate, extra pure, Ph Eur, BP USP	176
MA0085	Magnesium sulfate heptahydrate, reagent grade, ACS, Reag, Ph Eur	176
MA0120	Manganese, powder, synthesis grade	178
MA0122	Manganese(II) chloride tetrahydrate, extra pure	178
MA0123	Manganese(II) nitrate tetrahydrate, reagent grade	178
MA0126	Manganese(IV) oxide, synthesis grade	179
MA0125	Manganese(IV) oxide, 90%, extra pure	179
MA0130	Manganese(II) sulfate monohydrate, extra pure, Ph Eur, BP USP	179
MA0131	Manganese(II) sulfate monohydrate, reagent grade, ACS, Reag, Ph Eur	179
ME0175	Mercury, metal, extra pure, washed, Reag, Ph Eur	181
ME0176	Mercury, metal, redistilled, for polarography	181
ME0150	Mercury(II) amidochloride, synthesis grade	181
ME0160	Mercury(II) chloride, synthesis grade	181
ME0169	Mercury(II) chloride, extra pure, Ph Eur, BP	182
ME0170	Mercury(II) chloride, reagent grade, ACS, ISO	182
ME0250	Mercury(II) iodide, red, reagent grade, ACS	182
ME0193	Mercury(II) nitrate dihydrate, reagent grade, ACS	182
ME0195	Mercury(II) nitrate monohydrate, reagent grade, Reag, Ph Eur	182
ME0214	Mercury(II) oxide, red, extra pure	182
ME0215	Mercury(II) oxide, red, reagent grade, ACS	183
ME0210	Mercury(II) oxide, yellow, extra pure	183
ME0226	Mercury(II) sulfate, extra pure	183
MO0025	Molybdenum, powder, synthesis grade	198
MO0050	Molybdenum(VI) oxide, extra pure	198
MO0065	Molybdenum(VI) sulfide, synthesis grade	198
NI0130	Nickel, powder, synthesis grade	201
NI0132	Nickel, powder, extra pure	202
NI0138	Nickel(II) chloride hexahydrate, extra pure	202
NI0139	Nickel(II) chloride hexahydrate, reagent grade	202
NI0150	Nickel(II) nitrate hexahydrate, extra pure	202
NI0170	Nickel(II) oxide, extra pure	202
NI0179	Nickel(II) sulfate hexahydrate, extra pure	202
NI0180	Nickel(II) sulfate hexahydrate, reagent grade, ACS	203
AC1600	Nitric acid, min. 69.5%, reagent grade, ACS, ISO	203
AC1599	Nitric Acid, solution 65% w/w, extra pure	204
AC1601	Nitric Acid, solution min. 65% w/w, reagent grade, ISO, Ph Eur, for determinations with dithizone	204
OS0050	Osmium(VIII) oxide, extra pure, Reag, Ph Eur	211
PA0025	Palladium(II) chloride, approx. 59% Pd	212
AC1760	Perchloric acid, 70%, reagent grade, ACS, ISO	216
AC1098	ortho-Phosphoric acid, 85%, extra pure, Ph Eur, BP, NF	223
AN0217	di-Phosphorus pentoxide, reagent grade, ACS, ISO	224
AC1130	Phosphotungstic acid hydrate, reagent grade	224
PO0160	Potassium bromate, extra pure	229
PO0163	Potassium bromate, reagent grade, ACS, ISO, Reag, Ph Eur	229
PO0166	Potassium bromide, synthesis grade	229
PO0167	Potassium bromide, reagent grade, ACS	229
PO0168	Potassium bromide, IR spectroscopy grade	229
PO0170	Potassium carbonate, extra pure, Ph Eur, BP, USP	230
PO0171	Potassium carbonate, reagent grade, ACS, ISO, Reag, Ph Eur	230
PO0190	Potassium chlorate, extra pure	230
PO0193	Potassium chlorate, reagent grade, ACS, Reag, Ph Eur	230
PO0199	Potassium chloride, extra pure, Ph Eur, BP, USP	231
PO0180	Potassium cyanide, extra pure, Reag, Ph Eur	232
PO0219	Potassium dichromate, extra pure	232
PO0259	Potassium dihydrogen phosphate, extra pure, Ph Eur, BP, NF	234
PO0242	Potassium disulfite, extra pure, Ph Eur, USP, NF	235
PO0241	Potassium disulfite, reagent grade	235
PO0256	Potassium fluoride, extra pure, Reag, Ph Eur	235
PO0247	Potassium hexacyanoferrate(III) trihydrate, extra pure	235
PO0248	Potassium hexacyanoferrate(II) trihydrate, reagent grade, ACS, ISO, Reag, Ph Eur	235
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AC0373	Acetonitrile with 0.1% formic acid, LC-MS	12
AC0372	Acetonitrile with 0.1% trifluoroacetic acid, LC-MS	12
AM0258	Ammonia, solution 25%, eluent additive for LC-MS	20
AM0259	Ammonium acetate, eluent additive for LC-MS	21
AM0262	Ammonium acetate, solution 10 mmol/l in water, buffered at pH = 7, LC-MS	22
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AG0010	Water with 0.1% ammonium acetate, LC-MS	344
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Microelectronics

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FO0009	Formaldehyde, solution 37%, synthesis grade	128
FO0010	Formaldehyde, solution 37% w/w, extra pure, Ph Eur, BP USP, stabilized with approx. 10% of methanol	128
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RE0003	Biuret's reagent, for determination of proteins	41
BR0017	Brill® 35 (Brill is a trademark of ICI America Inc.)	42
CA0346	Charcoal activated, granulated	63
CA0351	Charcoal activated, powder, extra pure	63
CA0350	Charcoal, animal, powder, extra pure	63
CA0352	Charcoal activated, powder, reagent grade	64
CR0210	Chromic mixture	70
CO0192	Collodion flexible, pure	75
CO0190	Collodion, solution approx. 4% w/v, extra pure, USP	75
RE0008	Copper(II) ethylenediamine solution, for determination of viscosity in cellulose according to DIN 54270	77
DE0040	Dextrin white, extra pure, Ph Eur	84
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GO0030	Gum tragacanth, synthesis grade	138
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PO0010	Pumice stone, granulated	251
AR0100	Sea sand, washed, thin	256
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CA0170	Soda lime, with indicator	262
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ME0710	Mixture phenol/1,2-dichlorobenzene, 1:1 v/v, extra pure	197
ME0720	Mixture phenol/trichlorophenol, 10:7 w/w	197
ME0795	Mixture toluene/methanol, 2:1 v/v, neutral	197
PO0175	Potassium carbonate/sodium carbonate anhydrous, mixture 50% reagent grade	230
SO1151	Sodium peroxodisulfate solution 14% w/v + ortho-Phosphoric acid 0.73% w/v in water	284
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CA0180	Calcium L(-)-ascorbate, extra pure, USP	56
CA0203	tri-Calcium dicitrate tetrahydrate, powder, extra pure, USP	58
CA0225	Calcium lactate pentahydrate, extra pure, Ph Eur, BP, USP	59
CA0200	Calcium stearate, extra pure	59
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CA0335	Carbazole, synthesis grade	61
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CL0070	4-Chloroacetophenone, synthesis grade	65
CL0110	Chlorobenzene, extra pure	65
CL0111	Chlorobenzene, reagent grade, ACS	65
AC0765	2-Chlorobenzoic acid, extra pure	65
CL0119	1-Chlorobutane, reagent grade	65
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ET0072	Bis(2-chloroethyl) ether, synthesis grade	66
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CL0151	2-Chlorophenol, reagent grade	69
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CO0180	Cholesterol, extra pure, Ph Eur, BP, NF	70
CO0240	Cinchonine, synthesis grade	72
AL0535	Cinnamaldehyde, synthesis grade	72
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AC0717	Citric acid, synthesis grade	72
AC0718	Citric acid anhydrous, extra pure, Ph Eur, BP, USP	72
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CO0092	Copper(II) acetate monohydrate, extra pure	76
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CR0062	o-Cresol, synthesis grade	78
CR0072	m-Cresol, synthesis grade	78
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CO0040	Cyclohexanol, synthesis grade	82
CO0042	Cyclohexanol, reagent grade	82
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FI0035	Diethyl phthalate, synthesis grade	85
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DI0573	Diethylene glycol monobutyl ether, reagent grade	91
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DI0920	5-(4-Dimethylaminobenzylidene)-rhodamine, reagent grade	98
DI0950	2-(Dimethylamino)-ethanol, synthesis grade	98
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FE0480	Phenol, crystallized, extra pure, Ph Eur, BP, USP	220	AL0235	Stearyl alcohol, synthesis grade	308
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FE0529	Ferriin, solution 0.025 mol/l, redox indicator	127
IN0065	Indigo carmine, C.I. 73015, extra pure, Reag. Ph Eur	156
AZ0203	Methylene blue, C.I. 52015, extra pure	191
RO0190	Neutral red, C.I. 50040, for microscopy and indicator	201
RO0191	Neutral red, solution 0.1%, indicator	201
FE0100	o-Phenanthroline monohydrate, redox indicator, reagent grade, ACS	219
SD0285	Sodium 4-diphenylaminosulfonic acid, redox indicator	270
AL0719	Starch, solution 2%	308
AL0718	Starch, solution 1% w/v	308
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SO1143	Buffer solution pH = 13.00 (20 °C) (Potassium chloride/Sodium hydroxide)	48
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SD2010	Buffer solution pH = 10.00 (20 °C), blue-coloured	48
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SD3007	Buffer solution pH = 7.00 (25 °C), yellow-coloured	48
SD3010	Buffer solution pH = 10.00 (25 °C), blue-coloured	49
SD2040	Buffer solution pH = 4.00 (20 °C), red-coloured, MONOBUF®	49
SD2070	Buffer solution pH = 7.00 (20 °C), yellow-coloured, MONOBUF®	49
SO2100	Buffer solution pH = 10.00 (20 °C), blue-coloured, MONOBUF®	49
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pH Indicators

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AZ0100	Aniline blue, C.I. 42755, for microscopy	30
VE0060	Brilliant green, C.I. 42040, for microscopy	43
VE0070	Bromocresol green, indicator	44
VE0075	Bromocresol green, solution 0.04%, indicator	44
PU0020	Bromocresol purple, indicator	44
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NE0045	Eriochrome black T, C.I. 14645, indicator for metal titration	110
FI0055	Fuchsin acid, C.I. 42685, for microscopy	131
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VE0100	Malachite green oxalate, C.I. 42000, reagent and microscopy grade	177
AM0055	Metanil yellow, C.I. 13065, indicator	183
VE0120	Methyl green, C.I. 42585, for microscopy	192
AN0073	Methyl orange, C.I. 13025, indicator, reagent grade, ACS	192
AN0075	Methyl orange, solution 0.04%, indicator	193
RO0150	Methyl red, C.I. 13200, indicator	194
RO0155	Methyl red, sodium salt, C.I. 13200, indicator, soluble in water	195
RO0156	Methyl red, solution 0.1%, indicator	195
AZ0205	Methylthymol blue, tetrasodium salt, indicator	195
VI0070	Methyl violet, C.I. 42535, for microscopy	196
NA0135	1-Naphtholphthalein, indicator	201
RO0190	Neutral red, C.I. 50040, for microscopy and indicator	201
RO0191	Neutral red, solution 0.1%, indicator	201
NI0335	o-Nitrophenol, synthesis grade	207
NI0343	m-Nitrophenol, indicator	207
NI0348	p-Nitrophenol, indicator	207
AN0030	Orange G, C.I. 16230, for microscopy	210
AN0025	Orange I, C.I. 14600, for microscopy and indicator	210
AN0027	Orange II, C.I. 15510, for microscopy	210
FE0495	Phenolphthalein, indicator, ACS	221
FE0496	Phenolphthalein, solution 1% in ethanol, indicator	221
RO0130	Phenol red, indicator, ACS	221
RO0131	Phenol red, solution 0.02%, indicator	221
AC1990	Rosolic acid, C.I. 43800, indicator, for microscopy	255

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A20225	Thymol blue, indicator, ACS	325
A20226	Thymol blue, solution 0.04%, indicator	325
Ti0100	Thymolphthalein, indicator, reagent grade, ACS	325
AM0095	Titan yellow, C.I. 19540, reagent for magnesium and indicator	326

pH Indicators for Non Aqueous Titrations

VI0025	Crystal violet, C.I. 42555, indicator, extra pure	79
A20225	Thymol blue, indicator, ACS	325

Pharmacopoeia Grade Reagents

AC0065	Acetanilide, extra pure	1
AC0342	Acetic acid glacial, extra pure, Ph Eur, BP, USP	1
AC0352	Acetic acid glacial, analytical grade, ACS, Reag, Ph Eur, USP	1
AC0312	Acetone, extra pure, Ph Eur, BP, NF, packed in UHDFE bottles	4
AC0313	Acetone, extra pure, Ph Eur, BP, NF	5
AC0311	Acetone, analytical grade, ACS, Reag, Ph Eur, BP, NF	5
AC0355	Acetylsalicylic acid, extra pure, Ph Eur, BP, USP	13
AL0740	Aluminium ammonium sulfate dodecahydrate, extra pure, USP	16
AL0770	Aluminium chloride hexahydrate, extra pure, Ph Eur, BP, USP	16
AL0745	Aluminium potassium sulfate dodecahydrate, extra pure, Ph Eur, BP, USP	18
AL0855	Aluminium sulfate 18-hydrate, extra pure, Ph Eur, BP	18
AM0256	Ammonia, solution 28% w/w, reagent grade, Ph Eur	20
AM0265	Ammonium bromide, extra pure, Ph Eur, BP, NF	22
AM0270	Ammonium chloride, extra pure, Ph Eur, BP, USP	23
AM0349	Ammonium heptamolybdate tetrahydrate, extra pure, USP	24
AR0125	L-Arginine monohydrochloride, extra pure, Ph Eur, BP, USP	31
AS0015	L-Asparagine monohydrate, extra pure, Ph Eur, BP	32
AC0529	L-Aspartic acid, extra pure, Ph Eur, BP, USP	32
BA0080	Barium sulfate, extra pure, Ph Eur, BP	34
PE0160	Benzoyl peroxide, moistened with 25% H ₂ O, extra pure, Ph Eur, BP, USP	38
AL0162	Benzyl alcohol, extra pure, Ph Eur, BP, NF	39
BE0185	Benzyl benzoate, extra pure, Ph Eur, BP, USP	40
BI0225	Bismuth(III) hydroxide nitrate, extra pure, Ph Eur, BP, USP	41
AC0577	Boric acid, extra pure, Ph Eur, BP, USP, NF	42
AL0170	1-Butanol, extra pure, USP, NF	50
AL0183	tert-Butanol, reagent grade, ACS	52
AC0093	n-Butyl acetate, reagent grade, ACS	52
CA0150	Caffeine anhydrous, extra pure, Ph Eur, BP, USP	56
CA0180	Calcium L(-)-ascorbate, extra pure, USP	56
CA0182	Calcium carbonate, precipitated, extra pure, Ph Eur, BP, USP	56
CA0193	Calcium chloride dihydrate, powder, extra pure, Ph Eur, BP, USP	57
CA0210	Calcium hydrogen phosphate dihydrate, extra pure, Ph Eur, BP, USP	58
CA0216	Calcium hydroxide, powder, extra pure, Ph Eur, BP, USP	58
CA0225	Calcium lactate pentahydrate, extra pure, Ph Eur, BP, USP	59
CA0205	tri-Calcium phosphate anhydrous, extra pure, Ph Eur, BP	59
CA0200	Calcium stearate, extra pure	59
CA0284	Calcium sulfate dihydrate, extra pure, Ph Eur, BP, NF	60
AL0070	DL-Camphor, synthetic, extra pure	60
AL0190	Cetyl alcohol, extra pure	63
CL0010	Chloral hydrate, extra pure	64
CL0200	Chloroform, extra pure, Ph Eur, stabilized with ethanol	66
CL0201	Chloroform, analytical grade, stabilized with ethanol, ACS, Reag, Ph Eur	67
CO0180	Cholesterol, extra pure, Ph Eur, BP, NF	70
AC0718	Citric acid anhydrous, extra pure, Ph Eur, BP, USP	72
AC0720	Citric acid monohydrate, extra pure, Ph Eur, BP, USP	73
CO0190	Colloidon, solution approx. 4% w/v, extra pure, USP	75
CO0100	Copper(II) chloride dihydrate, extra pure, USP	76
CO0087	Copper(II) sulfate anhydrous, extra pure, Ph Eur, BP, USP	77
CO0096	Copper(II) sulfate pentahydrate, extra pure, Ph Eur, BP, USP	78
DE0040	Dextrin white, extra pure, Ph Eur	84
CL0331	Dichloromethane, extra pure, stabilized with approx. 50 ppm of amylene, Ph Eur, NF	87
CL0348	Dichloromethane, analytical grade, stabilized with approx. 50 ppm of amylene, ACS, Reag, Ph Eur, NF	87
ET0078	Diethyl ether, extra pure, Ph Eur, BP, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	92
ET0081	Diethyl ether, analytical grade, ACS, Reag, Ph Eur, USP, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	92
SU0151	Dimethyl sulfoxide, extra pure, Ph Eur, USP	102
ET0006	Ethanol absolute, extra pure, Ph Eur, BP, USP	112
ET0003	Ethanol 96% v/v, extra pure, Ph Eur, BP	114
ET0014	Ethanol 96% v/v, analytical grade, ACS, Reag, Ph Eur, USP	114
AC0143	Ethyl acetate, extra pure, Ph Eur, BP, NF	116
AC0154	Ethyl acetate, analytical grade, ACS, Reag, Ph Eur	117
ET0137	Ethylene diamine, extra pure, Ph Eur, BP, USP	120
AC0963	Ethylenediaminetetraacetic acid, EDTA, disodium salt, dihydrate, extra pure, Ph Eur, BP, USP	121
ET0166	Ethylene glycol, reagent grade, Reag, Ph Eur	123
EU0025	Eucalyptol, synthesis grade	126
RE0005	Fehling's solution, solution A: copper(II) sulfate, Ph Eur, for determination of sugar	127

Art. no.	Description	Page
RE0006	Fehling's solution, solution B: potassium sodium tartrate, alkaline, Ph Eur, for determination of sugar	127
FO0010	Formaldehyde, solution 37% w/w, extra pure, Ph Eur, BP, USP, stabilized with approx. 10% of methanol	128
LE0070	D(-)-Fructose, extra pure, Ph Eur, BP, USP	131
GA0025	D(+)-Galactose, extra pure, Ph Eur, BP	132
GL0125	D(+)-Glucose anhydrous, extra pure, Ph Eur, BP, USP	133
GL0129	D(+)-Glucose monohydrate, extra pure, Ph Eur, BP, USP	134
AC1225	L-Glutamic acid, extra pure, Ph Eur, BP	134
GL0027	Glycerol, 99%, extra pure, Ph Eur, BP, USP	135
AC0402	Glycine, extra pure, Ph Eur, BP, USP	136
GO0020	Gum arabic, powder, Ph Eur, BP	138
HE0235	n-Hexane, 96%, analytical grade, ACS, USP	142
HI0395	L-Histidine, extra pure, Ph Eur, BP, USP	146
HI0405	L-Histidine hydrochloride monohydrate, extra pure, Ph Eur, BP	147
AC0736	Hydrochloric acid, 37%, extra pure, Ph Eur, BP, NF	148
AC0756	Hydrochloric acid, solution min. 35% w/w, extra pure, Ph Eur	149
AC0739	Hydrochloric acid, solution 32% w/w, reagent grade, ISO	149
YO0020	Iodine, resublimed, extra pure, Ph Eur, BP, USP	157
YO0019	Iodine, pearls, resublimed, extra pure, Ph Eur, BP, USP	157
HI0303	Iron, powder, extra pure (made by reduction), particle size < 100 µm	158
HI0304	Iron, powder, extra pure (made by reduction), particle size < 150 µm	158
HI0350	Iron(II) sulfate heptahydrate, extra pure, Ph Eur, BP, USP	159
AL0295	Isobutanol, reagent grade, ACS	161
AC1380	L(-)-Lactic acid, 88 - 92%, extra pure, Ph Eur, BP	168
LA0060	D(+)-Lactose monohydrate, extra pure, Ph Eur, BP, NF	168
PL0114	Lead(II) acetate trihydrate, extra pure	169
PL0149	Lead(IV) oxide, extra pure	171
LE0055	L-Leucine, extra pure, Ph Eur, BP, USP	171
MA0035	Magnesium chloride hexahydrate, extra pure, Ph Eur, BP, USP	174
MA0045	Magnesium hydrogen phosphate trihydrate, extra pure	175
MA0060	Magnesium oxide, extra pure, Ph Eur, BP, USP	176
MA0040	Magnesium stearate, extra pure, Ph Eur, BP, NF	176
MA0084	Magnesium sulfate heptahydrate, extra pure, Ph Eur, BP, USP	176
AC1410	Maleic acid, extra pure, Ph Eur, BP	177
MA0130	Manganese(II) sulfate monohydrate, extra pure, Ph Eur, BP, USP	179
MA0149	D(-)-Mannitol, extra pure, Ph Eur, BP, USP	179
ME0169	Mercury(II) chloride, extra pure, Ph Eur, BP	182
ME0301	Methanol, extra pure, Ph Eur, NF	184
ME0316	Methanol, analytical grade, ACS, Reag, Ph Eur, NF	184
ME0478	Methyl 4-hydroxybenzoate, extra pure, Ph Eur, BP, NF	192
NI0035	Nicotinamide, extra pure	203
AC1590	Nicotinic acid, extra pure, Ph Eur, BP, USP	203
AC1601	Nitric Acid, solution min. 65% w/w, reagent grade, ISO, Ph Eur, for determinations with dithizone	204
PA0112	Paraffin, pellets, melting point 56 - 58 °C	213
PA0114	Paraffin plasticized, pellets, melting point 52 - 54 °C	213
PA0113	Paraffin plasticized, pellets, melting point 56 - 58 °C	213
AC1760	Perchloric acid, 70%, reagent grade, ACS, ISO	216
ET0091	Petroleum ether, boiling range 40 - 60 °C, extra pure	217
ET0093	Petroleum ether, boiling range 40 - 60 °C, analytical grade, ACS, USP	217
FE0480	Phenol, crystallized, extra pure, Ph Eur, BP, USP	220
FE0478	Phenol, approx. 90%, aqueous solution, extra pure, USP	220
FE0180	L-Phenylalanine, extra pure, Ph Eur, BP, USP	221
AC1098	ortho-Phosphoric acid, 85%, extra pure, Ph Eur, BP, NF	223
PI0050	Piperazine hexahydrate, extra pure, Ph Eur, BP	225
PO0109	Potassium acetate, extra pure, Ph Eur, BP	228
PO0170	Potassium carbonate, extra pure, Ph Eur, BP, USP	230
PO0190	Potassium chlorate, extra pure	230
PO0199	Potassium chloride, extra pure, Ph Eur, BP, USP	231
PO0186	tri-Potassium citrate monohydrate, extra pure, Ph Eur, BP, USP	232
PO0259	Potassium dihydrogen phosphate, extra pure, Ph Eur, BP, NF	234
PO0257	di-Potassium hydrogen phosphate anhydrous, extra pure, Ph Eur, BP, USP	236
PO0266	Potassium hydroxide, pellets, extra pure, Ph Eur, BP, NF	238
PO0411	Potassium iodide, extra pure, Ph Eur, BP, USP	241
PO0285	Potassium nitrate, extra pure, Ph Eur, BP, USP	242
PO0330	Potassium permanganate, extra pure, Ph Eur, BP, USP	243
PO0353	Potassium sodium tartrate tetrahydrate, extra pure, Ph Eur, BP, USP	244
PO0360	Potassium sorbate, extra pure, Ph Eur, BP, NF	245
PO0363	Potassium sulfate, extra pure, Ph Eur, BP	245
PR0025	Procaine hydrochloride, extra pure, Ph Eur, BP, USP	246
PR0055	L-Proline, extra pure, Ph Eur, BP, USP, NF	246
AL0311	2-Propanol, extra pure, Ph Eur, BP, USP	247
AL0323	2-Propanol, analytical grade, ACS, Reag, Ph Eur, USP	248
PR0085	1,2-Propylene glycol, extra pure, Ph Eur, BP, USP	251
RE0080	Resorcinol, extra pure, Ph Eur, BP	254
SA0020	D(+)-Saccharose, extra pure, Ph Eur, BP, NF	255
AC2002	Salicylic acid, extra pure, Ph Eur, BP, USP	256
PL0049	Silver nitrate, extra pure, Ph Eur, BP, USP	260
SO0032	Sodium acetate anhydrous, extra pure	262
SO0024	Sodium acetate trihydrate, extra pure, Ph Eur, BP, USP	263

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Pharmacopoeia Grade Reagents (continuation)		
S00126	Sodium benzoate, extra pure, Ph Eur, BP, NF	264
S00170	Sodium bromide, extra pure, Ph Eur, BP, USP	264
S00115	Sodium carbonate anhydrous, extra pure, Ph Eur, BP, USP	265
S00117	Sodium carbonate decahydrate, extra pure, Ph Eur, BP	265
S00225	Sodium chloride, extra pure, Ph Eur, BP, USP	266
S00199	Tri-Sodium citrate dihydrate, extra pure, Ph Eur, BP, USP	268
S00330	Sodium dihydrogen phosphate anhydrous, extra pure, BP, USP	269
S00334	Sodium dihydrogen phosphate dihydrate, extra pure, Ph Eur, BP, USP	269
S00333	Sodium dihydrogen phosphate monohydrate, extra pure, BP, USP	270
S00289	Sodium disulfite, extra pure, Ph Eur, BP, NF	270
S00355	Sodium fluoride, extra pure, Ph Eur, BP, USP	271
S00129	Sodium hydrogen carbonate, extra pure, Ph Eur, BP, USP	272
S00350	di-Sodium hydrogen citrate 1.5-hydrate, extra pure, BP	273
S00335	di-Sodium hydrogen phosphate anhydrous, extra pure, Ph Eur, BP, USP	273
S00338	di-Sodium hydrogen phosphate dihydrate, extra pure, Ph Eur, BP, USP	273
S00339	di-Sodium hydrogen phosphate dihydrate, reagent grade, Reag, Ph Eur	274
S00336	di-Sodium hydrogen phosphate dodecahydrate, extra pure, Ph Eur, BP	274
S00420	Sodium hydroxide, pellets, extra pure, Ph Eur, BP, NF	275
S00835	Sodium iodide, extra pure, Ph Eur, BP, USP	280
S00460	Sodium lactate, solution 50% w/w, extra pure, Ph Eur, BP, USP	281
S00489	Sodium molybdate dihydrate, extra pure, Ph Eur, BP	282
S00671	Sodium sulfate decahydrate, extra pure, Ph Eur, BP, USP	287
S00672	Sodium sulfite, extra pure, Ph Eur, BP	287
S00705	di-Sodium tetraborate decahydrate, extra pure, Ph Eur, BP, NF	288
S00725	Sodium thiosulfate pentahydrate, extra pure, Ph Eur, BP, USP	289
S00850	D(-)-Sorbitol, extra pure, Ph Eur, BP, NF	291
AC0926	Stearic acid 70, extra pure	308
AL0236	Stearyl alcohol, extra pure	308
SU0060	Sulfanilamide, extra pure, Ph Eur	310
AZ0041	Sulfur flower, extra pure, Ph Eur, BP	311
AC0266	Sulfuric acid, 95 - 98%, extra pure, Ph Eur, BP, NF, packed in UHDPPE bottles	311
AC0270	Sulfuric acid, 95 - 98%, extra pure, Ph Eur, BP, NF	311
TI0080	Thymol, extra pure, Ph Eur, BP, NF	325
ES0063	Tin(II) chloride dihydrate, extra pure, Ph Eur, BP	326
TR0080	Triacetin, 99%, extra pure	331
AC3130	Trichloroacetic acid, extra pure, Ph Eur, BP	331
TR0400	L-Tryptophan, extra pure, Ph Eur, BP, USP	339
AC3195	Undecylenic acid, extra pure, Ph Eur, BP, USP	340
VA0025	Vanillin, extra pure	341
AC0030	Vaseline oil, extra pure, Ph Eur, BP, USP	342
VI0150	Vitamin B1 hydrochloride, Ph Eur, BP, USP	342
VI0160	Vitamin B2, Ph Eur, USP	342
XI0080	D(+)-Xylose, extra pure, Ph Eur, BP	346
CI0150	Zinc acetate dihydrate, extra pure, Ph Eur, BP, USP	346
CI0160	Zinc chloride, extra pure, Ph Eur, BP, USP	347
CI0195	Zinc oxide, extra pure, Ph Eur, BP, USP	348
CI0180	Zinc stearate, extra pure, Ph Eur, BP, USP	348
CI0206	Zinc sulfate heptahydrate, extra pure, Ph Eur, BP, USP	348

Precipitation Indicators

HI0315	Ammonium iron(III) sulfate dodecahydrate, reagent grade, ACS, ISO	26
HI0319	Ammonium iron(III) sulfate, saturated solution	26
AZ0125	Bromophenol blue, indicator, ACS	44
AZ0126	Bromophenol blue, solution 0.04%, indicator	44
PO0214	Potassium chromate, reagent grade, ACS	231
PO0216	Potassium chromate, solution 10% w/v, extra pure	232
PO0215	Potassium chromate, solution 5% w/v, extra pure	232
PO0220	Potassium dichromate, reagent grade, ACS, ISO, Reag, Ph Eur	232
SO0250	Sodium chromate, reagent grade	268
SO0260	Sodium dichromate dihydrate, reagent grade, ACS	269

Reagent Grade Solvents

AC0352	Acetic acid glacial, analytical grade, ACS, Reag, Ph Eur, USP	1
AC0345	Acetic acid glacial, min. 99.8%, reagent grade, according to WIS	2
AC0311	Acetone, analytical grade, ACS, Reag, Ph Eur, BP, NF	5
AC0314	Acetone, reagent grade, ACS, ISO, packed in UHDPPE bottles	5
AC0315	Acetone, reagent grade, ACS, ISO, Reag, Ph Eur	5
AC0327	Acetonitrile, reagent grade, ACS, Reag, Ph Eur	8
AL0128	n-Amyl alcohol, reagent grade	30
AN0347	Aniline, reagent grade, ACS	30
BE0033	Benzene, reagent grade, ACS, ISO, Reag, Ph Eur	35
AL0161	Benzyl alcohol, reagent grade, Reag, Ph Eur	40
AL0173	1-Butanol, reagent grade, ACS, ISO, Reag, Ph Eur	50
AL0177	2-Butanol, reagent grade	51
AL0183	tert-Butanol, reagent grade, ACS	52

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AC0093	n-Butyl acetate, reagent grade, ACS	52
ME0551	tert-Butyl methyl ether, reagent grade, Reag, Ph Eur	53
SI0171	Carbon disulfide, reagent grade, ACS, Reag, Ph Eur	61
CI0201	Chloroform, analytical grade, stabilized with ethanol, ACS, Reag, Ph Eur	67
CI0203	Chloroform, reagent grade, ACS, ISO, stabilized with ethanol	67
CI0204	Chloroform, reagent grade, ACS, stabilized with ethanol, for determinations with dithizone	67
CO0032	Cyclohexane, reagent grade, ACS, ISO, Reag, Ph Eur	80
DI0407	1,2-Dichloroethane, reagent grade, ACS	85
CI0348	Dichloromethane, analytical grade, stabilized with approx. 50 ppm of amylene, ACS, Reag, Ph Eur, NF	87
CI0332	Dichloromethane, reagent grade, stabilized with ethanol	87
CI0342	Dichloromethane, reagent grade, ACS, ISO, Reag, Ph Eur, stabilized with approx. 50 ppm of amylene	87
ET0081	Diethyl ether, analytical grade, ACS, Reag, Ph Eur, USP, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	92
ET0079	Diethyl ether, reagent grade, ACS, ISO, Reag, Ph Eur, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	92
ET0084	Diethyl ether, NMR tested, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	93
ET0087	Diisopropyl ether, reagent grade, ACS, stabilized with approx. 50 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	95
DI0655	N,N-Dimethylformamide, reagent grade, ACS, ISO, Reag, Ph Eur	99
SI0153	Dimethyl sulfoxide, reagent grade, ACS	102
DI1289	1,4-Dioxane, reagent grade, ACS, ISO, Reag, Ph Eur, stabilized with 2.5 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	105
ET0016	Ethanol absolute, analytical grade, ACS, Reag, Ph Eur	112
ET0005	Ethanol absolute, reagent grade, ACS, ISO, packed in UHDPPE bottles	112
ET0007	Ethanol absolute, reagent grade, ACS, ISO, Reag, Ph Eur	112
ET0014	Ethanol 96% v/v, analytical grade, ACS, Reag, Ph Eur, USP	114
ET0004	Ethanol 96% v/v, reagent grade, ACS, Reag, Ph Eur	114
ET0028	Ethanolamine, reagent grade, ACS	115
AC0154	Ethyl acetate, analytical grade, ACS, Reag, Ph Eur	117
AC0145	Ethyl acetate, reagent grade, ACS, ISO, Reag, Ph Eur	117
ET0166	Ethylene glycol, reagent grade, Reag, Ph Eur	123
ET0182	Ethylene glycol monomethyl ether, reagent grade, Reag, Ph Eur	124
ET0192	Ethylene glycol monomethyl ether, reagent grade, ACS	124
ME0457	Ethyl methyl ketone, reagent grade, ACS, Reag, Ph Eur	125
FO0026	Formamide, reagent grade, ACS	129
GI0026	Glycerol, 99.5%, reagent grade, ACS, Reag, Ph Eur	135
GI0023	Glycerol, solution 86 - 88% w/w, reagent grade, ISO	135
HE0127	n-Heptane, 99%, reagent grade, Reag, Ph Eur	139
HE0232	n-Hexane, min. 99%, reagent grade, ACS	142
HE0235	n-Hexane, 96%, analytical grade, ACS, USP	142
HE0228	n-Hexane, 96%, reagent grade, ACS, Reag, Ph Eur	143
HE0222	Hexane, fraction from petroleum, reagent grade	145
ME0376	Isamyl alcohol, reagent grade, ACS	160
AL0294	Isobutanol, analytical grade, ACS	161
AL0295	Isobutanol, reagent grade, ACS	161
ME0316	Methanol, analytical grade, ACS, Reag, Ph Eur, NF	184
ME0302	Methanol, reagent grade, ACS, ISO, Reag, Ph Eur, packed in UHDPPE bottles	184
ME0493	Methyl isobutyl ketone, reagent grade, ACS	192
PE0096	n-Pentane, 99%, reagent grade	214
ET0093	Petroleum ether, boiling range 40 - 60 °C, analytical grade, ACS, USP	217
ET0092	Petroleum ether, boiling range 40 - 60 °C, reagent grade, ACS, ISO	217
ET0101	Petroleum ether, boiling range 60 - 80 °C, reagent grade	219
ET0106	Petroleum ether, boiling range 65 - 95 °C, reagent grade	219
AL0437	1-Propanol, reagent grade	247
AL0323	2-Propanol, analytical grade, ACS, Reag, Ph Eur, USP	248
AL0312	2-Propanol, reagent grade, ACS, ISO, Reag, Ph Eur, packed in UHDPPE bottles	248
PO0123	Pyridine, reagent grade, ACS, Reag, Ph Eur	252
TE0221	Tetrahydrofuran, reagent grade, ACS, Reag, Ph Eur, stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	320
TO0079	Toluene, analytical grade, ACS	327
TO0075	Toluene, reagent grade, ACS, ISO, Reag, Ph Eur	327
TR0151	Trichloroethene, reagent grade, ACS, stabilized with ethanol	333
SI0154	2,2,4-Trimethylpentane, reagent grade, ACS, Reag, Ph Eur	336
XI0057	Xylene, mixture of isomers, analytical grade, ACS	345
XI0055	Xylene, mixture of isomers, reagent grade, ACS, Reag, Ph Eur	345

Secondary standards

AC0566	Benzoic acid, secondary standard for volumetric titrations, Titrasure®	37
CA0185	Calcium carbonate, secondary standard for volumetric titrations, Titrasure®	56
PO0207	Potassium chloride, secondary standard for volumetric titrations, Titrasure®	231
PO0235	Potassium dichromate, secondary standard for volumetric titrations, Titrasure®	233
PO0131	Potassium hydrogen phthalate, secondary standard for volumetric titrations, Titrasure®	237
PO0404	Potassium iodate, secondary standard for volumetric titrations, Titrasure®	240
SO0234	Sodium chloride, secondary standard for volumetric titrations, Titrasure®	267
SO0531	di-Sodium oxalate, secondary standard for volumetric titrations, Titrasure®	284
TR0427	Tris-(hydroxymethyl)-aminomethane, secondary standard for volumetric titrations, Titrasure®	338

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Silicones		
SI0020	Silicone liquid, antifoaming	259
SI0030	Silicone liquid, low viscosity	259
SI0025	Silicone liquid, for heating baths, pure	259
SI0033	Silicone paste A, extra pure, for lubrication at high temperature	259
SI0034	Silicone paste B, extra pure, for lubrication at pressure and vacuum	259

Solutions

AC0351	Acetic acid, solution 80% w/v, extra pure	3
AC0349	Acetic acid, solution 60% w/v, extra pure	3
AC0350	Acetic acid, solution 50% w/v, extra pure	3
AM0256	Ammonia, solution 28% w/w, reagent grade, Ph Eur	20
AM0257	Ammonia, solution 25% w/w, synthesis grade	20
AM0250	Ammonia, solution 25% w/v, extra pure, Ph Eur	20
AM0249	Ammonia, solution 25% w/w, reagent grade, Reag. Ph Eur	20
AM0247	Ammonia, solution 20% w/v, extra pure	21
AM0248	Ammonia, solution 20% w/w, reagent grade	21
BA0056	Barium chloride, solution 10% w/v	33
AG0005	Bromine water, saturated solution	43
DI0870	Dimethylamine, solution 40% in water, w/w, synthesis grade	97
ET0001	Ethanol 70% v/v	115
AC1200	Gluconic acid, solution 50% w/w, extra pure	133
GL0168	Glutaraldehyde, solution 50% w/w, extra pure	134
GL0170	Glutaraldehyde, solution 25% w/w, extra pure	135
HI0090	Hydrazine hydrate, solution 80% w/w, extra pure	147
HI0089	Hydrazine hydrate, solution 24% w/v, extra pure	148
AC0595	Hydrobromic acid, approx. 48%, synthesis grade	148
AC0737	Hydrochloric acid, solution 35% w/v, synthesis grade	149
AC0756	Hydrochloric acid, solution min. 35% w/w, extra pure, Ph Eur	149
AC0739	Hydrochloric acid, solution 32% w/w, reagent grade, ISO	149
AC0767	Hydrochloric acid, solution 25% w/v, reagent grade, ISO	150
AC1051	Hydrofluoric acid, solution 40% w/w, reagent grade, ISO	153
HI0139	Hydrogen peroxide, solution 50% w/v (200 vol), extra pure	153
HI0137	Hydrogen peroxide, solution 35% w/v (133 vol), extra pure	153
HI0138	Hydrogen peroxide, solution 35% w/v (133 vol), reagent grade	153
HI0136	Hydrogen peroxide, solution 30% w/v (110 vol), reagent grade, ACS, ISO	153
HI0132	Hydrogen peroxide, solution 6% w/v (20 vol), extra pure	154
HI0333	Iron(III) chloride, 30%, aqueous solution, synthesis grade	159
ME0350	Methylamine, solution 40% in water, synthesis grade	189
AC1598	Nitric Acid, solution 60% w/v, extra pure	204
AC1602	Nitric acid, solution min. 60% w/w, reagent grade, ISO	204
AC1755	Perchloric acid, solution 60% w/v, reagent grade, ACS, ISO	216
AC1752	Perchloric acid, solution 20% w/v, extra pure	216
AC1753	Perchloric acid, solution 20% w/v, reagent grade	216
FE0478	Phenol, approx. 90%, aqueous solution, extra pure, USP	220
FE0479	Phenol, approx. 90%, aqueous solution	221
AC1096	ortho-Phosphoric acid, solution 50%, reagent grade	223
PO0177	Potassium carbonate, saturated solution	230
PO0273	Potassium hydroxide, solution 40% w/v, extra pure	238
PO0415	Potassium iodide, solution 15% w/v, extra pure	241
SO0123	Sodium carbonate, saturated solution	265
SO0233	Sodium chloride, saturated solution	267
SO0133	Sodium hydrogen carbonate, saturated solution	273
SO0417	Sodium hydrogen sulfite, solution 40%, extra pure	275
SO0424	Sodium hydroxide, solution 50% w/v, extra pure	275
SO0423	Sodium hydroxide, solution 35% w/v, extra pure	276
SO0433	Sodium hydroxide, solution 25% w/v, extra pure	276
SO0412	Sodium hydroxide, solution 20% w/v, extra pure	276
SO0436	Sodium hypochlorite, solution 15% w/v, extra pure	280
SO0432	Sodium hypochlorite, solution 10% w/v, extra pure	280
SO0431	Sodium hypochlorite, solution 5% w/v, extra pure	280
SO0460	Sodium lactate, solution 50% w/v, extra pure, Ph Eur, BP, USP	281
SO0640	Sodium silicate, neutral solution, pure	286
AC2079	Sulfuric acid, solution 50% w/v, reagent grade	313
AC2078	Sulfuric acid, solution 25% w/v, reagent grade	313
AC2109	Sulfuric acid, solution 16% w/v, reagent grade	314
AC2068	Sulfuric acid, solution 10% w/v, extra pure	314
AC3080	Thioglycolic acid, solution 80% w/w, extra pure	324
AC3134	Trichloroacetic acid, solution 20% w/v, extra pure	332
AC3133	Trichloroacetic acid, solution 3% w/v, extra pure	332

Sugars

AR0050	D(-)-Arabinose, for biochemistry	31
LE0070	D(-)-Fructose, extra pure, Ph Eur, BP, USP	131
FL0035	L(-)-Fucose, for biochemistry	132
GA0025	D(+)-Galactose, extra pure, Ph Eur, BP	132

GL0125	D(+)-Glucose anhydrous, extra pure, Ph Eur, BP, USP	133
GL0127	D(+)-Glucose anhydrous, reagent grade, ACS, Reag, Ph Eur	134
GL0129	D(+)-Glucose monohydrate, extra pure, Ph Eur, BP, USP	134
LA0060	D(+)-Lactose monohydrate, extra pure, Ph Eur, BP, NF	168
MA0149	D(-)-Mannitol, extra pure, Ph Eur, BP, USP	179
MA0150	D(-)-Mannitol, reagent grade, ACS, Reag, Ph Eur	179
MA0160	D(+)-Mannose, for biochemistry	180
ME0040	D-Melezitose monohydrate, for bacteriology	180
RA0025	D(-)-Raffinose pentahydrate, for bacteriology	254
RI0025	D(-)-Ribose, extra pure	255
SA0020	D(+)-Saccharose, extra pure, Ph Eur, BP, NF	255
SA0021	D(+)-Saccharose, reagent grade, Reag, Ph Eur	255
SU0030	D(+)-Saccharose (sucrose), molecular biology grade	255
SO0850	D(-)-Sorbitol, extra pure, Ph Eur, BP, NF	291
SO0865	L(-)-Sorbitose, extra pure	291
TR0030	D-Trehalose, for bacteriology	331
XI0079	D(+)-Xylose, synthesis grade	346
XI0080	D(+)-Xylose, extra pure, Ph Eur, BP	346

Synthesys Grade Solvents

AC0343	Acetic acid glacial, synthesis grade	1
AC0306	Acetone, synthesis grade	4
AC0220	Acetylacetone, synthesis grade	12
AL0127	n-Amyl alcohol, synthesis grade	29
AN0345	Aniline, synthesis grade	30
BE0030	Benzene, synthesis grade	35
AL0160	Benzyl alcohol, synthesis grade	39
AL0176	2-Butanol, synthesis grade	51
AL0180	tert-Butanol, synthesis grade	52
AC0090	n-Butyl acetate, synthesis grade	52
CL0198	Chloroform, synthesis grade, stabilized with ethanol	66
DI0382	1,2-Dichlorobenzene, synthesis grade	85
CL0329	Dichloromethane, synthesis grade, stabilized with approx. 50 ppm of amylene	87
DI0470	Diethanolamine, synthesis grade	90
ET0077	Diethyl ether, synthesis grade, stabilized with approx. 7 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	92
ET0085	Diisopropyl ether, synthesis grade, stabilized with approx. 10 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)	95
DI0161	N,N-Dimethylformamide, synthesis grade	99
SU0150	Dimethyl sulfoxide, synthesis grade	102
ET0002	Ethanol absolute, synthesis grade	111
ET0027	Ethanolamine, synthesis grade	115
AC0140	Ethyl acetate, synthesis grade	116
ET0175	Ethylene glycol monobutyl ether, synthesis grade	123
ET0180	Ethylene glycol monoethyl ether, synthesis grade	123
ET0190	Ethylene glycol monomethyl ether, synthesis grade	124
ME0454	Ethyl methyl ketone, synthesis grade	125
HE0123	n-Heptane, 95%, synthesis grade	139
HE0219	Hexane, fraction from petroleum, synthesis grade	144
AL0293	Isobutanol, synthesis grade	161
ME0300	Methanol, synthesis grade	184
AC0207	Methyl acetate, synthesis grade	189
ME0490	Methyl isobutyl ketone, synthesis grade	192
PE0092	n-Pentane, 95%, synthesis grade	214
ET0090	Petroleum ether, boiling range 40 - 60 °C, synthesis grade	217
AL0310	2-Propanol, synthesis grade	247
PI0120	Pyridine, synthesis grade	251
TE0219	Tetrahydrofuran, synthesis grade, stabilized with 2,6-Di-tert-butyl-4-methylphenol (BHT)	320
TO0072	Toluene, synthesis grade	327
TR0149	Trichloroethene, synthesis grade, stabilized with ethanol	332
XI0050	Xylene, mixture of isomers, synthesis grade	344

Thin Layer Chromatography

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GE0032	Silica gel 60, for thin layer chromatography, with pigment addition for UV	258
GE0033	Silica gel 60, for thin layer chromatography, with oxyssum and pigment addition for UV	258

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AN0040	Acridine orange, C.I. 46005, for microscopy	13
BE0270	Benzoine, synthesis grade	38
AC0788	Chromotropic acid, disodium salt dihydrate, reagent grade, ACS	71
EO0025	Eosin yellowish, C.I. 45380, for microscopy	110
FL0105	Fluorescamine, reagent grade	127
FL0113	Fluorescein, C.I. 45350, extra pure	127
FL0125	Fluorescein sodium, C.I. 45350, extra pure	128
HI0257	8-Hydroxyquinoline, synthesis grade	155
AC2002	Salicylic acid, extra pure, Ph Eur, BP, USP	256

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AC0317	Acetone, spectroscopy grade, Spectrosol®	6
AC0328	Acetonitrile, spectroscopy grade, Spectrosol®	8
BE0035	Benzene, spectroscopy grade, Spectrosol®	36
AL0174	1-Butanol, spectroscopy grade, Spectrosol®	50
CL0205	Chloroform, spectroscopy grade, stabilized with ethanol, Spectrosol®	68
CL0333	Cyclohexane, UV spectroscopy grade, Spectrosol®	81
DI0408	1,2-Dichloroethane, spectroscopy grade, Spectrosol®	86
CL0333	Dichloromethane, spectroscopy grade, stabilized with ethanol, Spectrosol®	88
CL0344	Dichloromethane, spectroscopy grade, stabilized with approx. 50 ppm of amylene, Spectrosol®	88
DI0857	N,N-Dimethylacetamide, spectroscopy grade, Spectrosol®	96
DI1066	N,N-Dimethylformamide, spectroscopy grade, Spectrosol®	100
SI0154	Dimethyl sulfoxide, spectroscopy grade, Spectrosol®	103
DI1291	1,4-Dioxane, spectroscopy grade, stabilized with 1 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT), Spectrosol®	106
ET0009	Ethanol absolute, spectroscopy grade, Spectrosol®	113
ET0008	Ethanol 96% v/v UV spectroscopy grade, Spectrosol®	115
AC0146	Ethyl acetate, spectroscopy grade, Spectrosol®	117
HE0130	n-Heptane, 99%, spectroscopy grade, Spectrosol®	140
HE0230	n-Hexane, 96%, spectroscopy grade, Spectrosol®	143
ME0305	Methanol, spectroscopy grade, Spectrosol®	185
PE0098	n-Pentane, 99%, spectroscopy grade, Spectrosol®	214
AL0314	2-Propanol, spectroscopy grade, Spectrosol®	249
TE0224	Tetrahydrofuran, spectroscopy grade, without stabilizer, Spectrosol®	321
TO0076	Toluene, spectroscopy grade, Spectrosol®	328
IS0155	2,2,4-Trimethylpentane, spectroscopy grade, Spectrosol®	336

Volumetric Solutions

AC0365	Acetic acid, solution 1 mol/l (1 N)	3
AC0364	Acetic acid, solution 0.1 mol/l (0.1 N)	3
HI0318	Ammonium iron(II) sulfate, solution - 0.12 mol/l (0.12 N), for COD determination, according to ISO 6060	26
HI0317	Ammonium iron(II) sulfate, solution 0.1 mol/l (0.1 N)	26
AM0421	Ammonium thiocyanate, solution 0.1 mol/l (0.1 N)	29
AM0420	Ammonium thiocyanate, solution 0.1 mol/l (0.1 N)	29
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CA0195	Calcium chloride, solution 1 mol/l	58
CE0102	Cerium(IV) sulfate, solution 0.1 mol/l (0.1 N)	62
CE0101	Cerium(IV) sulfate, solution 0.05 mol/l (0.05 N)	62
CO0221	Complexon - magnesium, solution 0.1 mol/l	75
CO0102	Copper(II) sulfate, solution 0.1 mol/l	78
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AC0374	Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution 0.025 mol/l (0.05 N)	122
AC0373	Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution 0.02 mol/l (0.04 N)	122
AC0371	Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution 0.01 mol/l (0.02 N)	122
RE0020	Haas solution, IBr solution 0.1 mol/l (0.2 N)	138
HY0001	Hyamine® 1622, solution 0.004 mol/l (Hyamine is a trademark of Rohm and Haas Company)	147
AC0752	Hydrochloric acid, solution 6 mol/l (6 N)	150
AC0749	Hydrochloric acid, solution 5 mol/l (5 N)	150
AC0738	Hydrochloric acid, solution 3 mol/l (3 N)	150
AC0748	Hydrochloric acid, solution 2 mol/l (2 N)	150
AC0751	Hydrochloric acid, solution 1.4 mol/l (1.4 N)	150
AC0744	Hydrochloric acid, solution 1 mol/l (1 N)	151
AC0745	Hydrochloric acid, solution 0.5 mol/l (0.5 N)	151
AC0755	Hydrochloric acid, solution 0.25 mol/l (0.25 N)	151
AC0740	Hydrochloric acid, solution 0.2 mol/l (0.2 N)	151
AC0753	Hydrochloric acid, solution 0.125 mol/l (0.125 N)	151
AC0746	Hydrochloric acid, solution 0.1 mol/l (0.1 N)	151
AC0754	Hydrochloric acid, solution 0.05 mol/l (0.05 N)	152
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YO0024	Iodine, solution 0.5 mol/l (1 N)	157
YO0023	Iodine, solution 0.05 mol/l (0.1 N)	157
YO0027	Iodine, solution 0.02365 mol/l (0.0473 N)	158
YO0025	Iodine, solution 0.01 mol/l (0.02 N)	158
PL0145	Lead(II) nitrate, solution 0.05 mol/l	170
MA0038	Magnesium chloride, solution 0.1 mol/l (0.2 N)	175
MA0088	Magnesium sulfate, solution 0.1 mol/l	177
MA0087	Magnesium sulfate, solution 0.01 mol/l	177
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AC1610	Nitric acid, solution 1 mol/l (1 N)	205
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AC1611	Nitric acid, solution 0.1 mol/l (0.1 N)	205
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AC1724	Oxalic acid, solution 0.025 mol/l (0.05 N)	212
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PO0218	Potassium dichromate, solution 1/120 mol/l (0.05 N)	234
PO0288	Potassium hydroxide, solution 2 mol/l (2 N)	239
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PO0283	Potassium hydroxide, solution 0.23 mol/l (0.23 N), for determination of crude fibre, according to Weende	239
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PO0278	Potassium hydroxide, ethanolic solution 0.5 mol/l	240
PO0284	Potassium hydroxide, ethanolic solution 0.1 mol/l	240
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PL0059	Silver nitrate, solution 0.05 mol/l (0.05 N)	261
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SO0034	Sodium acetate, solution 1 mol/l	263
SO0050	Sodium carbonate, solution 0.5 mol/l (1 N)	266
SO0051	Sodium carbonate, solution 0.05 mol/l (0.1 N)	266
SO0229	Sodium chloride, solution 0.1 mol/l (0.1 N)	267
SO0451	Sodium hydroxide, solution 6 mol/l (6 N)	276
SO0455	Sodium hydroxide, solution 5 mol/l (5 N)	277
SO0440	Sodium hydroxide, solution 2 mol/l (2 N)	277
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SO0452	Sodium hydroxide, solution 0.4 mol/l (0.4 N)	277
SO0449	Sodium hydroxide, solution 0.3546 mol/l (0.3546 N)	277
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SO0443	Sodium hydroxide, solution 0.1 mol/l (0.1 N)	278
SO0453	Sodium hydroxide, solution 0.05 mol/l (0.05 N)	278
SO0447	Sodium hydroxide, solution 0.025 mol/l (0.025 N)	278
SO0448	Sodium hydroxide, solution 0.02 mol/l (0.02 N)	279
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SO0729	Sodium thiosulfate, solution 0.5 mol/l (0.5 N)	289
SO0732	Sodium thiosulfate, solution 0.282 mol/l (0.282 N)	289
SO0731	Sodium thiosulfate, solution 0.1 mol/l (0.1 N)	289
SO0737	Sodium thiosulfate, solution 0.05 mol/l (0.05 N)	290
SO0733	Sodium thiosulfate, solution 0.01 mol/l (0.01 N)	290
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AC2089	Sulfuric acid, solution 5 mol/l (10 N)	314
AC2075	Sulfuric acid, solution 4 mol/l (8 N), for COD determination, according to ISO 6060	314
AC2086	Sulfuric acid, solution 2.5 mol/l (5 N)	314
AC2085	Sulfuric acid, solution 1 mol/l (2 N)	314
AC2080	Sulfuric acid, solution 0.5 mol/l (1 N)	315
AC2081	Sulfuric acid, solution 0.25 mol/l (0.5 N)	315
AC2084	Sulfuric acid, solution 0.13 mol/l (0.26 N)	315
AC2088	Sulfuric acid, solution 0.125 mol/l (0.25 N)	315
AC2087	Sulfuric acid, solution 0.1 mol/l (0.2 N)	315
AC2082	Sulfuric acid, solution 0.05 mol/l (0.1 N)	315
AC2076	Sulfuric acid, solution 0.025 mol/l (0.05 N)	316
AC2083	Sulfuric acid, solution 0.01 mol/l (0.02 N)	316
TE0116	Tetrabutylammonium hydroxide, solution 0.1 mol/l, in 2-propanol/methanol	318
RE0070	Wijs solution, ICl solution 0.1 mol/l (0.2 N)	344
CI0231	Zinc sulfate, solution 0.1 mol/l	349
CI0230	Zinc sulfate, solution 0.05 mol/l	349

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AQ0007	Aquagent® Complet 2, free from pyridine, one-component reagent for volumetric Karl Fischer titration	164
AQ0009	Aquagent® buffer, free from pyridine, buffer capacity 5 mmol acid/ml	164
AQ0004	Aquagent® Complet 5K, free from pyridine, one-component reagent for volumetric Karl Fischer titration (ketones, aldehydes)	164
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MF0304	Methanol, dried (max. 0.005% H ₂ O), reagent grade (Karl Fischer)	184



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