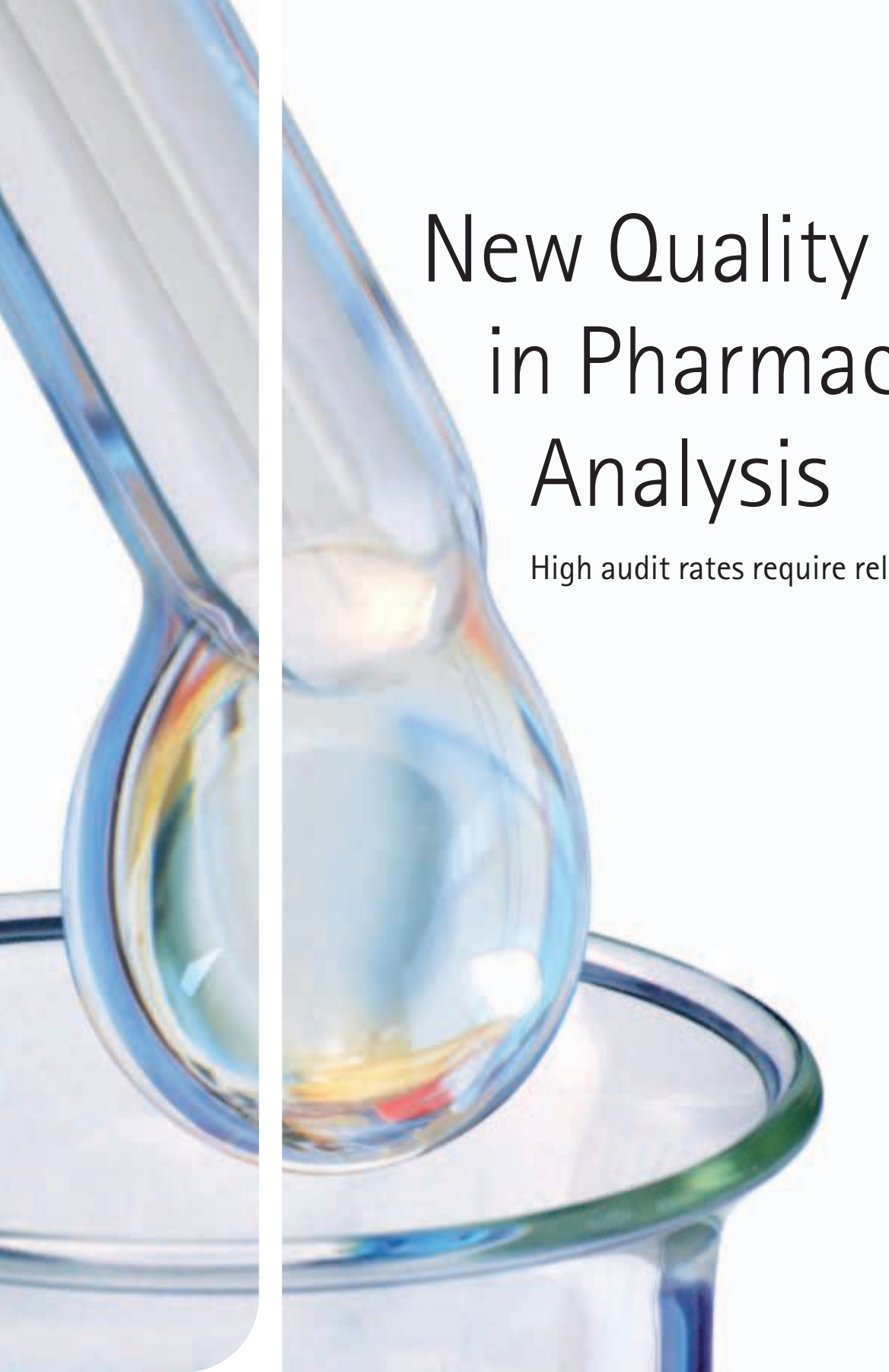




New Quality in Pharmacopoeia Analysis

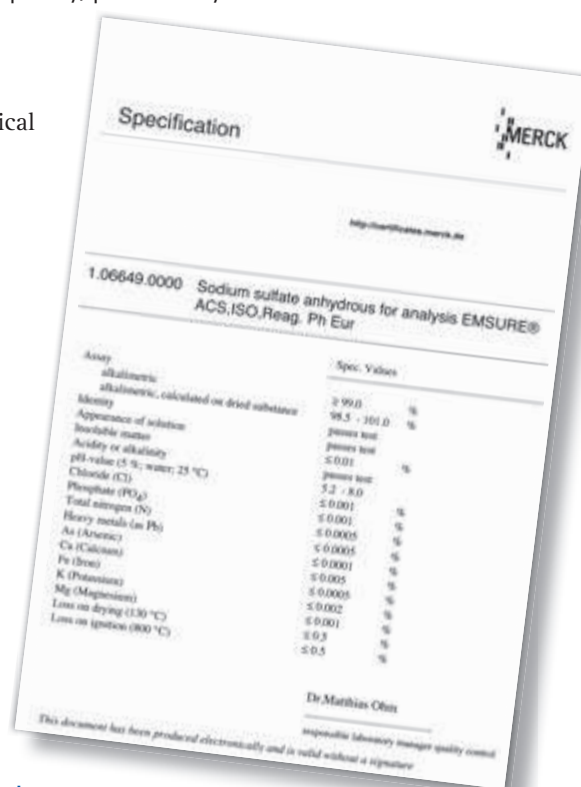
High audit rates require reliable solutions



Exceptional quality is our standard

Merck places the greatest importance on the high quality of each individual product. By taking the utmost care – from development to delivery – we are able to achieve a very high level of quality, particularly in the sensitive field of analytical reagents.

As part of the quality improving process, we harmonise all analytical reagents with the specifications stipulated by the “American Chemical Society” (ACS).



Specification

Merck

<http://www.merck.com>

1.06649.0000 Sodium sulfate anhydrous for analysis EMSURE®
ACS, ISO Reag. Ph Eur

Assay	Spec. Values
alkalimetric	
alkalimetric, calculated on dried substance	≥ 99.0 %
Identity	98.5 - 101.0 %
Appearance of solution	passes test
Insoluble matter	passes test
Acidity or alkalinity	≤ 0.01 %
pH-value (5 %; water; 25 °C)	
Chloride (Cl)	passes test
Phosphate (PO ₄)	5.2 - 8.0
Total nitrogen (N)	≤ 0.001 %
Heavy metals (as Pb)	≤ 0.001 %
As (Arsenic)	≤ 0.0005 %
Cu (Copper)	≤ 0.0005 %
Pb (Lead)	≤ 0.0001 %
K (Potassium)	≤ 0.005 %
Mg (Magnesium)	≤ 0.0005 %
Loss on drying (130 °C)	≤ 0.002 %
Loss on ignition (800 °C)	≤ 0.001 %
	≤ 0.3 %
	≤ 0.5 %

Dr. Matthias Obin

This document has been produced electronically and is valid without a signature

responsible laboratory manager quality control

Example of a new specification

Specified in accordance with the Reag. Ph Eur standard

Our analytical reagents intended for use in pharmacopoeia analysis are not only specified in accordance with the ACS standard but also with Reag. Ph Eur. Our products therefore meet the specifications described in the reagents part of the American Pharmacopoeia, as well as those of the European Pharmacopoeia.

Analytical reagents from Merck meet the authoritative quality guidelines world-wide:

- The ACS standard, and referred by Reag. USP
- The Reag. Ph Eur standard

Through compliance with these comprehensive standards, we are creating a new level of quality for analytical reagents, thus providing our customers throughout the world the highest possible degree of reliability. No other manufacturer is able to offer a product range as extensive as that of Merck.



Quality means reliability

Reliability through fulfilling global standards

Within the context of supplementary chemical analysis in the pharmaceutical industry, the highest requirements not only apply in terms of research and development but, in particular also in the field of routine quality controls.

The specification of our analytical reagents in accordance with ACS specification and Reag. Ph Eur provides you the opportunity only to use first-class products. In this way, you establish the fundamental prerequisites for the successful passing of audits.

International companies in particular benefit from our validation efforts regarding the analytical methods started with the 9th edition of the ACS for reagents for analysis, since they may assume that the applicable quality requirements have been met – throughout the world.

Our reagent declaration always conforms to the up-to-date version of ACS.

Reliability through reliable analyses

The quality and purity of the analytical reagents used is decisive for the daily tasks performed in the laboratory. The higher and more consistent the quality of the reagents, the lower the risk of an analysis having to be repeated as a result of non-reproducible results. The high-quality analytical reagents supplied by Merck therefore help to ensure reliable analyses and result in greater efficiency and economy during work processes right from the start.

Higher efficiency, lower costs

Analytical reagents supplied by Merck optimise efficiency throughout the entire workflow of a laboratory – particularly due to the strength of their outstanding product characteristics:

- High reproducibility
- High batch-to-batch consistency

In addition, the continuously high quality level also leads to lower costs in the long term:

- Lower costs due to reliable audits
- Lower validation effort due to internationally consistent product quality

The new level of quality is both multifaceted and unique at the same time

Reliability through multiple benefits

Day-to-day work in the field of supplementary chemical analysis is more reliable through the unique combination of the following benefits:

- Compliance with the ACS standard and Reag. Ph Eur
- Rapid updating of new specification requirements
- Ongoing validation of analytical methods
- Comprehensive range of analytical reagents

EMSURE® for analysis ACS, ISO, Reag. Ph Eur

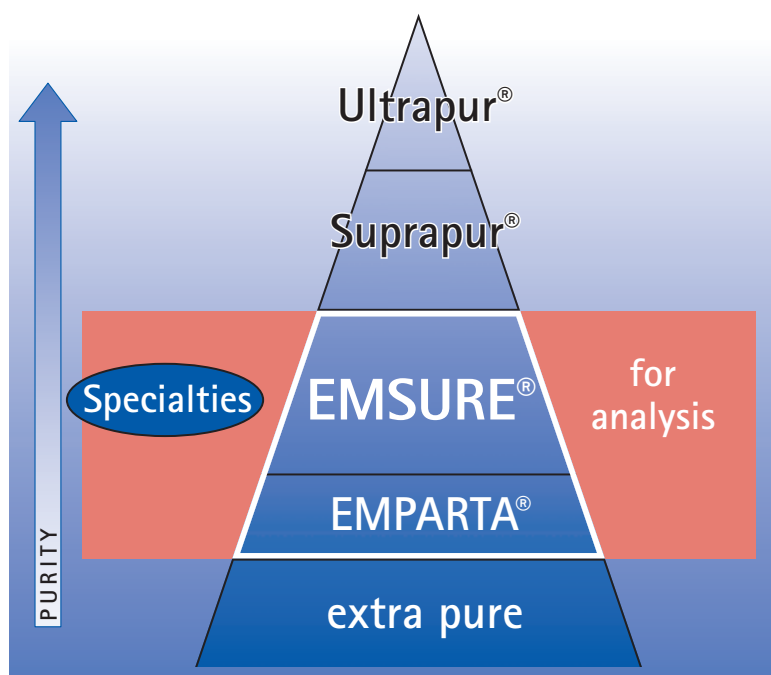
- Our premium grade
- Worldwide best and most extensive specification
- Widest range of pack sizes and packaging materials

Specific quality control

The exceptional expertise of the team of experts responsible for quality control forms the basis for this high degree of fulfilment. The fact that one of our specialists is a member of the “ACS Committee on Analytical Reagents” plays an important role. This allows us to react swiftly to current developments and significant changes and to keep our specifications updated in accordance with the applicable edition of ACS.

Outstanding Merck standard

On the one hand, this high level of quality is demonstrated in the fulfilment of external standards. On the other hand, the internal assessment criteria for most products are even higher. This is partly due to the fact that our analytical reagents already have to satisfy the critical requirements of our Group's own pharmaceutical laboratories. The result: a high Merck-specific quality standard with additional parameters so that our reagents achieve maximum purity.



Merck quality pyramide



Certified quality from Merck

Each product for analysis comes with an analysis certificate containing the following data:

- Detailed product description
- Item number
- Lot number
- Exact lot values
- Test date

Reliability through a complete product range

We offer several hundred reagents for pharmacopoeia analysis – in particular acids, salts, caustic alkalies, solvents, indicators and special reagents. The products bear the designation EMSURE® for analysis ACS, Reag. Ph Eur.

We are therefore able to provide you with everything from one source – and you have the security of working with the appropriate reagents for your particular needs that meet all quality requirements.

Reliability through comprehensive service

In order to maintain this high level of quality even after delivery, we offer optimum packaging for each individual product – naturally in a variety of practical sizes.

We also place great importance on high product availability. In addition to continuous availability, this also includes punctual and fast delivery so that you can rely on a seamless supply of high-quality reagents for your individual applications.

We supply all the products listed below in customer-oriented laboratory packaging of various sizes as outlined in our main catalogue. This comprehensive range can also be accessed on the Internet at www.merck-chemicals.com

Art. No.	Designation	
A		
100063	Acetic acid (glacial) 100% anhydrous for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
100042	Acetic anhydride for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
100014	Acetone for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
100003	Acetonitrile for analysis EMSURE®	ACS, Reag. Ph Eur
101047	Aluminium potassium sulfate dodecahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
105423	Ammonia solution 28–30% for analysis EMSURE®	ACS, Reag. Ph Eur
101116	Ammonium acetate for analysis EMSURE®	ACS, Reag. Ph Eur
101220	Ammonium amidosulfonate for analysis (for detection of sulfonamide in blood) EMSURE®	ACS, Reag. Ph Eur
101125	Ammonium bromide for analysis EMSURE®	ACS
159504	Ammonium carbonate for analysis EMSURE®	ACS, Reag. Ph Eur
102276	Ammonium cerium(IV) nitrate for analysis EMSURE®	ACS, Reag. Ph Eur
101145	Ammonium chloride for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101126	Ammonium dihydrogen phosphate for analysis EMSURE®	ACS, Reag. Ph Eur
101164	Ammonium fluoride for analysis EMSURE®	ACS
101182	Ammonium heptamolybdate tetrahydrate GR for analysis	ACS, ISO, Reag. Ph Eur
101154	di-Ammonium hydrogen citrate for analysis EMSURE®	ACS, Reag. Ph Eur
101207	di-Ammonium hydrogen phosphate for analysis EMSURE®	ACS, Reag. Ph Eur
103776	Ammonium iron(III) sulfate dodecahydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101188	Ammonium nitrate for analysis EMSURE®	ACS
101192	di-Ammonium oxalate monohydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101201	Ammonium peroxodisulfate for analysis EMSURE®	ACS, Reag. Ph Eur
101217	Ammonium sulfate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101213	Ammonium thiocyanate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101468	Anthrone GR for analysis	ACS, Reag. Ph Eur
100128	Aurin tricarboxylic acid ammonium salt GR for analysis (reagent for aluminium)	ACS
B		
101704	Barium acetate for analysis EMSURE®	ACS
101714	Barium carbonate for analysis EMSURE®	ACS, Reag. Ph Eur
101719	Barium chloride dihydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101737	Barium hydroxide octahydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101729	Barium nitrate for analysis EMSURE®	ACS
101783	Benzene for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
103098	2,2'-Bipyridine GR for analysis (reagent for iron(II) and molybdenum)	ACS
100165	Boric acid for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101948	Bromine GR for analysis	ACS, ISO, Reag. Ph Eur
108121	Bromocresol green indicator	ACS, Reag. Ph Eur
101541	Bromocresol green sodium salt indicator water-soluble	ACS
103025	Bromocresol purple indicator	ACS, Reag. Ph Eur
108122	Bromophenol blue indicator	ACS, Reag. Ph Eur
111746	Bromophenol blue sodium salt water-soluble indicator	ACS
103026	Bromothymol blue indicator	ACS, Reag. Ph Eur

Art. No.	Designation	
101895	Bromothymol blue sodium salt indicator water-soluble	ACS
101990	1-Butanol for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
109629	tert-Butanol for analysis EMSURE®	ACS, Reag. Ph Eur

C

102027	Cadmium sulfate hydrate for analysis EMSURE®	ACS
102382	Calcium chloride dihydrate for analysis EMSURE®	ACS, Reag. Ph Eur
102047	Calcium hydroxide for analysis EMSURE®	ACS, Reag. Ph Eur
102121	Calcium nitrate tetrahydrate for analysis EMSURE®	ACS
102214	Carbon disulfide GR for analysis	ACS, Reag. Ph Eur
102426	Chloramine T trihydrate GR for analysis	ACS, Reag. Ph Eur
102445	Chloroform for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101036	Chromium(III) potassium sulfate dodecahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
102498	Chromotropic acid disodium salt dihydrate GR for analysis	ACS, Reag. Ph Eur
100244	Citric acid monohydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
102539	Cobalt(II) chloride hexahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
102554	Cobalt(II) nitrate hexahydrate for analysis (max. 0.001% Ni) EMSURE®	ACS, Reag. Ph Eur
102739	Copper(I) chloride for analysis EMSURE®	ACS
102733	Copper(II) chloride dihydrate for analysis EMSURE®	ACS, Reag. Ph Eur
102766	Copper(II) oxide powder GR for analysis	ACS
102767	Copper oxide wire about 0.65 x 6 mm for elementary analysis (surface: CuO, core: Cu ₂ O)	ACS
102765	Copper oxide wire fine about 0.65 x 3 mm for elementary analysis (surface: CuO, core: Cu ₂ O)	ACS
102790	Copper(II) sulfate pentahydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101408	Crystal violet (C.I. 42555) indicator	ACS, Reag. Ph Eur
105227	Cupferron GR for analysis	ACS
109666	Cyclohexane for analysis EMSURE®	ACS, ISO, Reag. Ph Eur

D

109676	2',7'-Dichlorofluorescein indicator	ACS, Reag. Ph Eur
106050	Dichloromethane for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
100921	Diethyl ether for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
100867	Diisopropyl ether for analysis EMSURE®	ACS, Reag. Ph Eur
103053	N,N-Dimethylformamide for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
103062	Dimethylglyoxime GR for analysis (reagent for nickel)	ACS, Reag. Ph Eur
102952	Dimethyl sulfoxide for analysis EMSURE®	ACS
109671	1,4-Dioxane for analysis EMSURE®	ACS, ISO
103086	Diphenylamine GR for analysis	ACS, Reag. Ph Eur
103590	Diphenylamine-4-sulfonic acid sodium salt redox indicator	ACS
103091	1,5-Diphenylcarbazine GR for analysis and redox indicator	ACS, Reag. Ph Eur
103087	1,5-Diphenylcarbazone (cont. 50% Diphenylcarbazid)	ACS, Reag. Ph Eur

E

103170	Eriochrome black T (C.I. 14645) indicator for complexometry	ACS, Reag. Ph Eur
100983	Ethanol absolute for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
109623	Ethyl acetate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur

Art. No.	Designation	
100859	Ethylene glycol monomethyl ether for analysis EMSURE®	ACS, Reag. Ph Eur
109708	Ethyl methyl ketone for analysis EMSURE®	ACS, Reag. Ph Eur
F		
104003	Formaldehyde solution min. 37% GR for analysis stabilized with about 10% methanol	ACS, Reag. Ph Eur
109684	Formamide for analysis EMSURE®	ACS, Reag. Ph Eur
100253	Formic acid 89–91% for analysis EMSURE®	ACS
100264	Formic acid 98–100% for analysis EMSURE®	ACS, Reag. Ph Eur
104013	Furfural GR for analysis	ACS, Reag. Ph Eur
G		
104092	Glycerol for analysis EMSURE®	ACS, Reag. Ph Eur
H		
104367	n-Hexane for analysis EMSURE®	ACS
104374	n-Hexane for analysis EMSURE®	ACS, Reag. Ph Eur
104603	Hydrazinium sulfate GR for analysis	ACS, Reag. Ph Eur
100317	Hydrochloric acid fuming 37% for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
100334	Hydrofluoric acid 48% for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
104619	Hydroxylammonium chloride GR for analysis ($\leq 0.000001\%$ Hg)	ACS, ISO
104616	Hydroxylammonium chloride GR for analysis	ACS, ISO, Reag. Ph Eur
107098	8-Hydroxyquinoline GR for analysis	ACS, Reag. Ph Eur
I		
104716	Imidazole buffer substance	ACS
104761	Iodine sublimated GR for analysis	ACS, ISO, Reag. Ph Eur
103943	Iron(III) chloride hexahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
103883	Iron(III) nitrate nonahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
103965	Iron(II) sulfate heptahydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
100979	Isoamyl alcohol for analysis EMSURE®	ACS, Reag. Ph Eur
100984	Isobutanol for analysis EMSURE®	ACS, Reag. Ph Eur
106146	Isobutyl methyl ketone for extraction analysis EMSURE®	ACS, Reag. Ph Eur
104727	Isooctane for analysis EMSURE®	ACS, Reag. Ph Eur
L		
107375	Lead(II) acetate trihydrate for analysis EMSURE®	ACS, Reag. Ph Eur
107381	Lead(II) carbonate for analysis EMSURE®	ACS
107414	Lead(II) hydroxide acetate anhydrous, for the analysis of sugar acc. to Horne EMSURE®	ACS
107398	Lead(II) nitrate for analysis EMSURE®	ACS, Reag. Ph Eur
105680	Lithium carbonate for analysis EMSURE®	ACS, Reag. Ph Eur
105679	Lithium chloride for analysis EMSURE®	ACS, Reag. Ph Eur
105694	Lithium sulfate monohydrate for analysis EMSURE®	ACS, Reag. Ph Eur
M		
105819	Magnesium acetate tetrahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
105833	Magnesium chloride hexahydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
105853	Magnesium nitrate hexahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
105866	Magnesium oxide GR for analysis (max.0.001% SO ₄)	ACS
105886	Magnesium sulfate heptahydrate for analysis EMSURE®	ACS, Reag. Ph Eur

Art. No.	Designation	
105927	Manganese(II) chloride tetrahydrate for analysis EMSURE®	ACS
105941	Manganese(II) sulfate monohydrate spray-dried for analysis EMSURE®	ACS, Reag. Ph Eur
104410	Mercury(II) acetate GR for analysis	ACS, Reag. Ph Eur
104421	Mercury(II) bromide GR for analysis	ACS, Reag. Ph Eur
104419	Mercury(II) chloride GR for analysis	ACS, Reag. Ph Eur
104428	Mercury(II) iodide red, GR for analysis	ACS, Reag. Ph Eur
104439	Mercury(II) nitrate monohydrate GR for analysis	ACS, Reag. Ph Eur
104480	Mercury(II) sulfate GR for analysis	ACS
106009	Methanol for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101322	Methyl orange (C.I. 13025) indicator	ACS, Reag. Ph Eur
106076	Methyl red (C.I. 13020) indicator	ACS, Reag. Ph Eur
106078	Methyl red sodium salt (C.I. 13020) water-soluble	ACS
100532	Molybdato-phosphoric acid hydrate for analysis EMSURE®	ACS, Reag. Ph Eur
106161	Murexide (ammonium purpurate) metal indicator	ACS, Reag. Ph Eur

N

106237	N-(1-Naphthyl)ethylenediamine dihydrochloride GR for analysis	ACS
106762	Ninhydrin GR for analysis	ACS, Reag. Ph Eur
101799	Nitric acid 69% for analysis EMSURE®	ACS, Reag. Ph Eur
100455	Nitric acid fuming 100% for analysis EMSURE®	ACS, Reag. Ph Eur

O

100495	Oxalic acid dihydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
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P

100518	Perchloric acid 60% for analysis EMSURE®	ACS
100514	Perchloric acid 70% for analysis (max. 0.0000005% Hg) EMSURE®	ACS, ISO, Reag. Ph Eur
100519	Perchloric acid 70–72% for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
101775	Petroleum benzene for analysis boiling range 40–60°C EMSURE®	ACS, ISO
100206	Phenol GR for analysis	ACS, Reag. Ph Eur
107233	Phenolphthalein indicator	ACS, Reag. Ph Eur
107241	Phenol red indicator	ACS
111748	Phenol red sodium salt indicator	ACS
100573	ortho-Phosphoric acid 85% for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
100570	di-Phosphorus pentoxide GR for analysis	ACS, ISO, Reag. Ph Eur
104912	Potassium bromate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
104905	Potassium bromide for analysis EMSURE®	ACS, Reag. Ph Eur
104928	Potassium carbonate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
104933	Potassium chloride for analysis (<= 0.005% Br) EMSURE®	ACS, ISO, Reag. Ph Eur
104952	Potassium chromate for analysis EMSURE®	ACS, Reag. Ph Eur
104967	Potassium cyanide for analysis EMSURE®	ACS, Reag. Ph Eur
104864	Potassium dichromate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
104865	Potassium dichromate for analysis (max. 0.000001% Hg) EMSURE®	ACS, ISO
104877	Potassium dihydrogen phosphate for analysis (<= 0.005% Na) EMSURE®	ACS, ISO, Reag. Ph Eur
105107	Potassium disulfate (Potassium pyrosulfate) for analysis EMSURE®	ACS
104973	Potassium hexacyanoferrate(III) for analysis EMSURE®	ACS, Reag. Ph Eur
104984	Potassium hexacyanoferrate(II) trihydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
105021	Potassium hydroxide pellets for analysis (max. 0.002% Na) EMSURE®	ACS, ISO, Reag. Ph Eur

Art. No.	Designation	
105029	Potassium hydroxide pellets for analysis (max. 0.05% Na) EMSURE®	ACS, Reag. Ph Eur
105051	Potassium iodate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
105073	di-Potassium oxalate monohydrate for analysis EMSURE®	ACS
105076	Potassium perchlorate for analysis EMSURE®	ACS
105082	Potassium permanganate for analysis EMSURE®	ACS, Reag. Ph Eur
105084	Potassium permanganate for analysis (max. 0.000005% Hg) EMSURE®	ACS
105092	Potassium peroxodisulfate for analysis ($\leq 0.001\%$ N) EMSURE®	ACS, Reag. Ph Eur
108087	Potassium sodium tartrate tetrahydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
105153	Potassium sulfate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
105125	Potassium thiocyanate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
100997	1-Propanol for analysis EMSURE®	ACS, Reag. Ph Eur
109634	2-Propanol for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
109728	Pyridine for analysis EMSURE®	ACS, Reag. Ph Eur
100612	Pyrogallol GR for analysis	ACS, Reag. Ph Eur

S

101908	Silica gel with moisture indicator (blue gel) desiccant ~ 0.2–1 mm	ACS
101925	Silica gel with moisture indicator (blue gel) desiccant ~ 1–3 mm	ACS, Reag. Ph Eur
101515	Silver diethyldithiocarbamate GR for analysis (reagent for arsenic and antimony)	ACS, Reag. Ph Eur
101509	Silver sulfate GR for analysis	ACS
106268	Sodium acetate anhydrous for analysis EMSURE®	ACS, Reag. Ph Eur
106267	Sodium acetate trihydrate for analysis indifferent to potassium permanganate EMSURE®	ACS, ISO, Reag. Ph Eur
106393	Sodium carbonate anhydrous, for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
106404	Sodium chloride for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
106448	tri-Sodium citrate dihydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
106336	Sodium dichromate dihydrate for analysis EMSURE®	ACS
106689	Sodium diethyldithiocarbamate trihydrate (reagent for copper) GR for analysis	ACS
106346	Sodium dihydrogen phosphate monohydrate for analysis EMSURE®	ACS, Reag. Ph Eur
106591	tetra-Sodium diphosphate decahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
106528	Sodium disulfite (sodium metabisulfite) for analysis EMSURE®	ACS, Reag. Ph Eur
106449	Sodium fluoride for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
106443	Sodium formate for analysis EMSURE®	ACS, Reag. Ph Eur
102521	Sodium hexanitrocobaltate(III) [sodium cobalt(III)nitrite] for analysis EMSURE®	ACS, Reag. Ph Eur
106329	Sodium hydrogen carbonate for analysis EMSURE®	ACS, Reag. Ph Eur
106586	di-Sodium hydrogen phosphate anhydrous for analysis EMSURE®	ACS, Reag. Ph Eur
106575	di-Sodium hydrogen phosphate heptahydrate for analysis EMSURE®	ACS
106495	Sodium hydroxide pellets for analysis (max. 0.0002% K) EMSURE®	ACS, Reag. Ph Eur
106469	Sodium hydroxide pellets for analysis (max. 0.02% K) EMSURE®	ACS, Reag. Ph Eur
106597	Sodium metaperiodate for analysis EMSURE®	ACS, Reag. Ph Eur
106537	Sodium nitrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
106549	Sodium nitrite for analysis EMSURE®	ACS, Reag. Ph Eur
106541	Sodium nitroprusside dihydrate [disodium pentacyanonitrosyl ferrate(III) dihydrate] GR for analysis	ACS, Reag. Ph Eur
106563	Sodium peroxide granular GR for analysis	ACS, ISO
106578	tri-Sodium phosphate dodecahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
106637	Sodium sulfate anhydrous, coarse granules for analysis 0.63–2.0 mm EMSURE®	ACS

Art. No.	Designation	
106649	Sodium sulfate anhydrous for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
106648	Sodium sulfate decahydrate for analysis EMSURE®	ACS, Reag. Ph Eur
106308	di-Sodium tetraborate decahydrate GR for analysis	ACS, ISO, Reag. Ph Eur
106669	Sodium tetraphenyl borate GR for analysis	ACS, Reag. Ph Eur
106516	Sodium thiosulfate pentahydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
107865	Strontium chloride hexahydrate for analysis EMSURE®	ACS
100686	Sulfanilic acid GR for analysis	ACS, Reag. Ph Eur
100732	Sulfuric acid 95–97% for analysis (max. 0.005 ppm Hg) EMSURE®	ACS, ISO, Reag. Ph Eur
100804	L(+)-Tartaric acid for analysis EMSURE®	ACS, ISO, Reag. Ph Eur

T

109731	Tetrahydrofuran for analysis EMSURE®	ACS, Reag. Ph Eur
108170	Thioacetamide GR for analysis	ACS, Reag. Ph Eur
107979	Thiourea GR for analysis	ACS, Reag. Ph Eur
108176	Thymol blue indicator	ACS, Reag. Ph Eur
108175	Thymolphthalein indicator	ACS, Reag. Ph Eur
107815	Tin(II) chloride dihydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
108417	Titriplex® II GR for analysis (ethylenedinitrilotetraacetic acid)	ACS, Reag. Ph Eur
108418	Titriplex® III GR for analysis (ethylenedinitrilotetraacetic acid, disodium salt dihydrate)	ACS, ISO, Reag. Ph Eur
108325	Toluene for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
109613	Toluene-4-sulfonic acid monohydrate for analysis EMSURE®	ACS
100807	Trichloroacetic acid for analysis EMSURE®	ACS, Reag. Ph Eur
111872	Trichloroethylene for analysis EMSURE®	ACS, Reag. Ph Eur
108382	Tris(hydroxymethyl)aminomethane GR for analysis buffer substance	ACS, Reag. Ph Eur

U

108487	Urea GR for analysis	ACS, Reag. Ph Eur
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X

108681	Xylene for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
108677	Xylenol orange tetrasodium salt metal indicator	ACS, Reag. Ph Eur

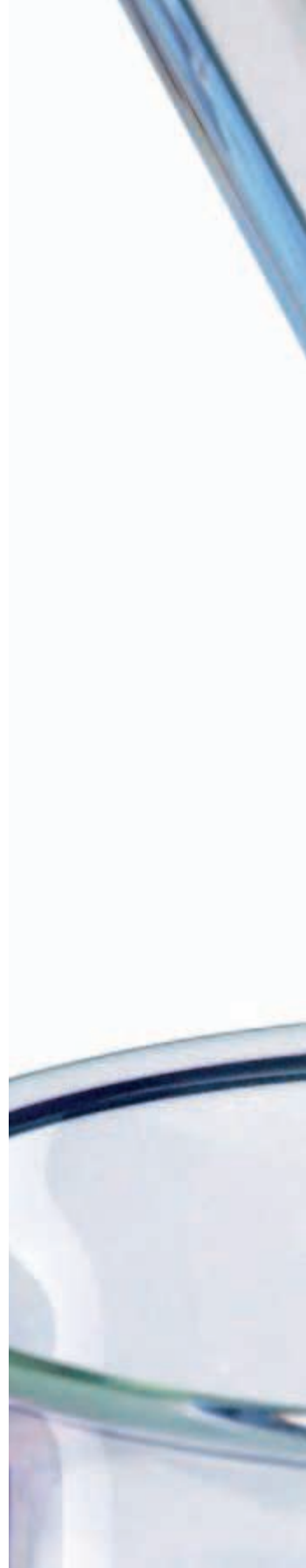
Z

108816	Zinc chloride for analysis EMSURE®	ACS, ISO, Reag. Ph Eur
108849	Zinc oxide GR for analysis	ACS, Reag. Ph Eur
108883	Zinc sulfate heptahydrate for analysis EMSURE®	ACS, ISO, Reag. Ph Eur

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Then visit us on the Internet at www.merck-chemicals.com

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