

Increase analytical accuracy in pharmacopoeia analysis



Increase your analytical accuracy

Fisher Chemicals range fulfills required specification for most application done in analytical laboratories, independent of the segment for which the analytical lab is working. In compliance with ACS, Reag. Ph Eur, USP, BP, EP reagents are stringently tested to fulfill the high requirements of regulated industries and international customers.

ACS:

ACS standards are currently the most recognized international regulations and specifications for analytical reagents. We at Fisher Chemical, test and release reagents based on the specifications and analytical regulations of the ACS – in addition to other criteria.

Reag. Ph Eur Pharmacopoeia analysis:

We offer an extensive range of reagents including salts for Pharmacopoeia analysis. These products conform fully to the specifications described in the reagents section of the European Pharmacopoeia as well as that of the U.S. Pharmacopoeia.

Key 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

**Consistent and exceptional quality every time –
Just choose your grade.**



Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Fisher Scientific's Quality System has been found to conform to Quality Management System
Standard ISO9001:2008 standard by SAI Global Certificate Number CERT - 0090918

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Certain products (USP/FCC/NF/EP/BP/JP grades) are sold for use in food, drug, or medical device manufacturing. Fisher does not claim regulatory coverage under 21 CFR nor maintain DMF's with the FDA. The following are the actual analytical results obtained:

Catalog Number	P333	Quality Test / Release Date	1/23/2017
Lot Number	167565		
Description	POTASSIUM CHLORIDE USP/FCC/EP/BP		
Country of Origin	United States	* Suggested Retest Date	Jan-2020
Chemical Origin	Inorganic		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

USP Grade			
Result name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystalline powder or granules or colorless crystals
ACIDITY OR ALKALINITY	PASS/FAIL	= PASS TEST	PASS TEST
ASSAY	%	Inclusive Between 99.0 - 100.5	99.2
CALCIUM AND MAGNESIUM	PASS/FAIL	= PASS TEST	PASS TEST
HEAVY METALS (as Pb)	ppm	<= 10	<10
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
IODIDES	%	<= 0.005	<0.005
LIMIT OF BROMIDES	%	<= 0.1	<0.1
LOSS ON DRYING PER USP	%	<= 1.0	0.0
RESIDUAL SOLVENTS	MEETS REQUIREMENTS	= MEETS REQUIREMENTS	MEETS REQUIREMENTS
SODIUM (NA)	PASS/FAIL	= PASS TEST	PASS TEST

FCC Grade			
Result name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystalline powder or granules or colorless crystals
ACIDITY OR ALKALINITY	PASS/FAIL	= PASS TEST	PASS TEST
ASSAY	%	>= 99.0	99.2
BROMIDE AND IODIDE	PASS/FAIL	= PASS TEST	PASS TEST
HEAVY METALS (as Pb)	MG/KG	<= 5	<5
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
LOSS ON DRYING PER FCC	%	<= 1.0	0.0
SODIUM	PASS/FAIL	= PASS TEST	PASS TEST

EP Grade			
Result name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystalline powder or granules or colorless crystals
ACIDITY OR ALKALINITY	PASS/FAIL	= PASS TEST	PASS TEST
APPEARANCE OF SOLUTION	PASS/FAIL	= PASS TEST	PASS TEST
ASSAY	%	Inclusive Between 99.0 - 100.5	99.2
BARIUM	PASS/FAIL	= PASS TEST	PASS TEST
BROMIDE	%	<= 0.1	0.10
HEAVY METALS	ppm	<= 10	<10
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
IODIDES	PASS/FAIL	= PASS TEST	PASS TEST
IRON	ppm	<= 20	<20
LOSS ON DRYING PER EP	%	<= 0.1	0.0
MAGNESIUM & ALKALI METALS	ppm	<= 200	<200
RESIDUAL SOLVENTS	MEETS REQUIREMENTS	= MEETS REQUIREMENTS	MEETS REQUIREMENTS
SULFATES	ppm	<= 300	<300

British Pharmacopeia Grade			
Result name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystalline powder or granules or colorless crystals
ACIDITY OR ALKALINITY	PASS/FAIL	= PASS TEST	PASS TEST
APPEARANCE OF SOLUTION	PASS/FAIL	= PASS TEST	PASS TEST
ASSAY	%	Inclusive Between 99.0 - 100.5	99.2
BARIUM	PASS/FAIL	= PASS TEST	PASS TEST
BROMIDE	%	<= 0.1	0.10
HEAVY METALS	ppm	<= 10	<10
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
IODIDES	PASS/FAIL	= PASS TEST	PASS TEST
IRON	ppm	<= 20	<20
LOSS ON DRYING PER EP	%	<= 0.1	0.0
MAGNESIUM & ALKALI EARTHS	ppm	<= 200	<200
RESIDUAL SOLVENTS	MEETS REQUIREMENTS	= MEETS REQUIREMENTS	MEETS REQUIREMENTS
SULFATES	ppm	<= 300	<0

Residual Solvents There are no ICH Class 1, 2, or 3 Residual Solvents utilized in the processing of this product nor are any produced in the process.



Jerusa Bailey-Wyche

Quality Assurance Specialist - Certificate of Analysis Fair Lawn

Documentation support

We offer extensive safety documentation to ensure that laboratory personnel are familiar with the protective measures and recommended usage of our products.

These include:

- Safety Data Sheets (SDS)
- Certificate of Analysis
- GHS Labeling
- TSE/BSE

Comprehensive COA, MSDS,
TSE/BSE

Available
Online



Certificate of Analysis

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Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
Standard ISO9001:2015 by SAI Global Certificate Number CERT - 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	A111	Quality Test / Release Date	02/22/2019
Lot Number	186407		
Description	CITRIC ACID, MONOHYDRATE USP/EP/JP		
Country of Origin	Austria	Suggested Retest Date	Feb/2022
Chemical Origin	Organic-fermentation		
BSE/TSE Comment	This material is derived from plant material. It does not contain or come into contact with any animal-containing materials or components.		
Chemical Comment	To the best of our knowledge, this product does not contain any melamine, phthalates, latex, GMO, or pesticides.		

British Pharmacopoeia Grade

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White granules
RESIDUAL SOLVENTS	PASS/FAIL	= PASS TEST	PASS TEST
OXALIC ACID	ppm	<= 360	<360
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
CARBONIZABLE SUBSTANCES	PASS/FAIL	= PASS TEST	PASS TEST
WATER	%	Inclusive Between 7.5 - 9.0	8.3
APPEARANCE OF SOLUTION	PASS/FAIL	= PASS TEST	PASS TEST
SOLUBILITY	PASS/FAIL	= PASS TEST	PASS TEST
SULFATED ASH	%	<= 0.1	<0.1
SULFATES	ppm	<= 150	<150
ASSAY	%	Inclusive Between 99.5 - 100.5	100.0

EP Grade

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White granules
RESIDUAL SOLVENTS	PASS/FAIL	= PASS TEST	PASS TEST
OXALIC ACID	ppm	<= 360	<360
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
CARBONIZABLE SUBSTANCES	pass test	= PASS TEST	PASS TEST
ASSAY	%	Inclusive Between 99.5 - 100.5	100.0
APPEARANCE OF SOLUTION	PASS/FAIL	= PASS TEST	PASS TEST
WATER	%	Inclusive Between 7.5 - 9.0	8.3
SULFATES	ppm	<= 150	<150
SULFATED ASH	%	<= 0.1	<0.1

Japanese Pharmacopoeia Grade

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White granules
WATER	%	Inclusive Between 7.5 - 9.0	8.3
SULFATE	ppm	<= 150	<150
OXALIC ACID	ppm	<= 360	<360
RESIDUE ON IGNITION	%	<= 0.10	<0.1
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
HEAVY METALS	ppm	<= 10	<10
CLARITY AND COLOR OF SOLUTION	PASS/FAIL	= PASS TEST	PASS TEST
CARBONIZABLE SUBSTANCES	PASS/FAIL	= PASS TEST	PASS TEST
ASSAY	%	Inclusive Between 99.5 - 100.5	100.0

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White granules
EPSOLUBILITY	PASS/FAIL	= PASS TEST	PASS TEST

USP Grade

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White granules
RESIDUAL SOLVENTS	PASS/FAIL	= PASS TEST	PASS TEST
SULFATE (SO4)	%	<= 0.015	<0.015
READILY CARBONIZABLE SUBSTANCES	PASS/FAIL	= PASS TEST	PASS TEST
OXALIC ACID	%	<= 0.036	<0.036
IGNITION RESIDUE	%	<= 0.1	<0.1
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
ENDOTOXINS	EU/Mg	= REPORT	0.02
COLOR OF SOLUTION	PASS/FAIL	= PASS TEST	PASS TEST
CLARITY OF SOLUTION	PASS/FAIL	= PASS TEST	PASS TEST
WATER	%	Inclusive Between 7.5 - 9.0	8.3
ASSAY	%	Inclusive Between 99.5 - 100.5	100.0

Residual Solvents No solvents are used at any stage of the manufacturing, packaging, or storage. Therefore, there is no potential for any Class 1, 2, 3 or any other listed solvents to be present.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above. If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

Serena Bailey-Wyche

Quality Assurance Specialist - Certificate of Analysis Fair Lawn

Product offerings to achieve analytical accuracy

Product Code	Product Description	CAS Number	Pack Size
A/0400/PB15	Acetic acid glacial, 99.7+%, for analysis, meets the specification of BP and Ph. Eur.	64-19-7	1 LT
A/0400/PC15	Acetic acid glacial, 99.7+%, for analysis, meets the specification of BP and Ph. Eur.	64-19-7	1 LT
A/0400/PB17	Acetic acid glacial, 99.7+%, for analysis, meets the specification of BP and Ph. Eur.	64-19-7	2.5 LT
A/0400/PB08	Acetic acid glacial, 99.7+%, for analysis, meets the specification of BP and Ph. Eur.	64-19-7	500 ML
A/0360/PB15	Acetic Acid Glacial, Extra Pure, SLR, meets analytical specification of Ph.Eur., BP, USP	64-19-7	1 LT
A/0360/PB08	Acetic Acid Glacial, Extra Pure, SLR, meets analytical specification of Ph.Eur., BP, USP	64-19-7	500 ML
A/0360/PB17	Acetic Acid Glacial, Extra Pure, SLR, meets analytical specification of Ph.Eur., BP, USP	64-19-7	2.5 LT
A38212	Acetic Acid, Glacial (Certified ACS)	64-19-7	2.5 LT
A38500	Acetic Acid, Glacial (Certified ACS)	64-19-7	500 ML
A38S500	Acetic Acid, Glacial (Certified ACS)	64-19-7	500 ML
A38SI212	Acetic Acid, Glacial (Certified ACS)	64-19-7	2.5 LT
A490212	Acetic Acid, Glacial (USP/FCC)	64-19-7	2.5 LT
A491212	Acetic Acid, Glacial (USP/FCC/EP/BP)	64-19-7	2.5 LT
A181	Acetone (Certified ACS)	67-64-1	1 Ltr
A18500	Acetone (Certified ACS)	67-64-1	500 ML
A111	Acetone (NF/FCC)	67-64-1	1 Ltr
A/0600/17	Acetone, Certified AR for analysis, meets analytical specification of Ph.Eur.	67-64-1	2.5 Ltr
A/0600/PB17	Acetone, Certified AR for analysis, meets analytical specification of Ph.Eur.	67-64-1	2.5 Ltr
A/0600/PB08	Acetone, Certified AR for analysis, meets analytical specification of Ph.Eur.	67-64-1	500 ml
A/0600/15	Acetone, Certified AR for analysis, meets analytical specification of Ph.Eur.	67-64-1	1 Ltr
A211	Acetonitrile (Certified ACS), Fisher Chemical	75-05-8	1 LT
A576212	Aluminum Chloride Hexahydrate (Cryst./USP)	7784-13-6	2.5 KG
A576500	Aluminum Chloride Hexahydrate (Cryst./USP)	7784-13-6	500 GR
A5863	Aluminum Nitrate Nonahydrate (Cryst./Certified ACS)	7784-27-2	3 KG
A586500	Aluminum Nitrate Nonahydrate (Cryst./Certified ACS)	7784-27-2	500 GR
A6013	Aluminum Potassium Sulfate Dodecahydrate (Cryst./Certified ACS)	7784-24-9	3 KG
A601500	Aluminum Potassium Sulfate Dodecahydrate (Cryst./Certified ACS)	7784-24-9	500 GR
A605212	Aluminum Potassium Sulfate Dodecahydrate (Powder/USP/FCC)	7784-24-9	2.5 KG
A605500	Aluminum Potassium Sulfate Dodecahydrate (Powder/USP/FCC)	7784-24-9	500 GR
A613500	Aluminum Sulfate Hydrate (Cryst./Certified ACS)	57292-32-7	500 GR
A6373	Ammonium Acetate (Cryst./Certified ACS)	631-61-8	3 KG
A637500	Ammonium Acetate (Cryst./Certified ACS)	631-61-8	500 GR
A650500	Ammonium Bromide (Powder/Certified ACS)	12124-97-9	500 GR
A656500	Ammonium Carbonate (Lumps/Certified ACS)	506-87-6	500 GR
A657500	Ammonium Carbonate (Lumps/NF)	506-87-6	500 GR
A6613	Ammonium Chloride (Cryst./Certified ACS)	12125-02-9	3 KG
A661500	Ammonium Chloride (Cryst./Certified ACS)	12125-02-9	500 GR
A6493	Ammonium Chloride (Granular/USP/FCC)	12125-02-9	3 KG
A649500	Ammonium Chloride (Granular/USP/FCC)	12125-02-9	500 GR
A687212	Ammonium Chloride (USP/FCC/EP)	12125-02-9	2.5 KG
A687500	Ammonium Chloride (USP/FCC/EP)	12125-02-9	500 GR
A/3920/60	Ammonium chloride, 99.5+%, for analysis, AR, meets the specification of BP and Ph. Eur.	12125-02-9	1 KG
A/3920/61	Ammonium chloride, 99.5+%, for analysis, AR, meets the specification of BP and Ph. Eur.	12125-02-9	2 KG
A/3920/53	Ammonium chloride, 99.5+%, for analysis, AR, meets the specification of BP and Ph. Eur.	12125-02-9	500 GR
A/3920/65	Ammonium chloride, 99.5+%, for analysis, AR, meets the specification of BP and Ph. Eur.	12125-02-9	5 KG
A663212	Ammonium Citrate Dibasic (Cryst./Certified ACS)	3012-65-5	2.5 KG
A663500	Ammonium Citrate Dibasic (Cryst./Certified ACS)	3012-65-5	500 GR
A665100	Ammonium Fluoride (Cryst./Certified ACS)	12125-01-8	100 GR

Product Code	Product Description	CAS Number	Pack Size
A665500	Ammonium Fluoride (Cryst./Certified ACS)	12125-01-8	500 GR
A667212	Ammonium Hydroxide (26degrees Be/NF/FCC)	7664-41-7	2.5 LT
A669212	Ammonium Hydroxide (Certified ACS Plus)	7664-41-7	2.5 LT
A669500	Ammonium Hydroxide (Certified ACS Plus)	7664-41-7	500 ML
A669S500	Ammonium Hydroxide (Certified ACS Plus)	7664-41-7	500 ML
A713500	Ammonium meta-Vanadate (Certified ACS)	7803-55-6	500 GR
A6743	Ammonium Molybdate Tetrahydrate (Cryst./Certified ACS)	12054-85-2	3 KG
A674500	Ammonium Molybdate Tetrahydrate (Cryst./Certified ACS)	12054-85-2	500 GR
A679500	Ammonium Oxalate Monohydrate (Cryst./Certified ACS)	6009-70-7	500 GR
A6823	Ammonium Peroxydisulfate (Cryst./Certified ACS)	7727-54-0	3 KG
A682500	Ammonium Peroxydisulfate (Cryst./Certified ACS)	7727-54-0	500 GR
A686500	Ammonium Phosphate Dibasic (Cryst./Certified ACS)	7783-28-0	500 GR
A6843	Ammonium Phosphate Monobasic (Cryst./Certified ACS)	7722-76-1	3 KG
A684500	Ammonium Phosphate Monobasic (Cryst./Certified ACS)	7722-76-1	500 GR
A7023	Ammonium Sulfate (Granular/Certified ACS)	7783-20-2	3 KG
A702500	Ammonium Sulfate (Granular/Certified ACS)	7783-20-2	500 GR
A7093	Ammonium Thiocyanate (Cryst./Certified ACS)	1762-95-4	3 KG
A709500	Ammonium Thiocyanate (Cryst./Certified ACS)	1762-95-4	500 GR
A394500	n-Amyl Alcohol (Certified ACS)	71-41-0	500 ML
A7401500	Aniline (Certified ACS)	62-53-3	500 ML
A867250	Antimony Potassium Tartrate Trihydrate (USP)	28300-74-5	250 GR
A867500	Antimony Potassium Tartrate Trihydrate (USP)	28300-74-5	500 GR
A61100	L-Ascorbic Acid (Cryst./Certified ACS)	50-81-7	100 GR
A6125	L-Ascorbic Acid (Cryst./Certified ACS)	50-81-7	25 GR
A62212	Ascorbic Acid (Powder/USP/FCC)	50-81-7	2.5 KG
A62500	Ascorbic Acid (Powder/USP/FCC)	50-81-7	500 GR
A/8882/53	L-Ascorbic acid, 99.7+%, for analysis, meets the specification of Ph. Eur.		500 GR
B30500	Barium Carbonate (Powder/Certified ACS)	513-77-9	500 GR
B34100	Barium Chloride Dihydrate (Cryst./Certified ACS)	10326-27-9	100 GR
B343	Barium Chloride Dihydrate (Cryst./Certified ACS)	10326-27-9	3 KG
B34500	Barium Chloride Dihydrate (Cryst./Certified ACS)	10326-27-9	500 GR
B46500	Barium Hydroxide Octahydrate (Cryst./Certified ACS)	12230-71-6	500 GR
B53500	Barium Nitrate (White Cryst. Powder/Certified ACS)	10022-31-8	500 GR
B75212	Barium Sulfate (Powder/USP)	7727-43-7	2.5 KG
B75500	Barium Sulfate (Powder/USP)	7727-43-7	500 GR
A65500	Benzoic Acid (Cryst./Certified ACS)	65-85-0	500 GR
A63500	Benzoic Acid (Cryst./USP/FCC)	65-85-0	500 GR
A395500	Benzyl Alcohol (NF)	100-51-6	500 ML
B/2550/PB17	Benzyl alcohol, 98+%, extra pure, SLR, meets the specification of BP and Ph. Eur.	100-51-6	2.5 LT
B/2550/08	Benzyl alcohol, 98+%, extra pure, SLR, meets the specification of BP and Ph. Eur.	100-51-6	500 ML
B338500	Bismuth Subgallate (Powder/USP)	99-26-3	500 GR
B344500	Bismuth Subnitrate (Powder/USP)	1304-85-4	500 GR
B385250	Bromine (Certified ACS)	7726-95-6	250 ML
B38550	Bromine (Certified ACS)	7726-95-6	50 ML
B3835	Bromocresol Green (Certified ACS)	76-60-8	5 GR
B9010	Bromocresol Green Sodium Salt (Certified ACS)	62625-32-5	10 GR
B3925	Bromophenol Blue (Certified ACS)	115-39-9	5 GR
B38810	Bromothymol Blue (Certified ACS)	76-59-5	10 GR
B39125	Brucine Sulfate Heptahydrate (Powder/Certified ACS)	60583-39-3	25 GR
A3991	1-Butanol (Certified ACS)	71-36-3	1 LT
A399500	1-Butanol (Certified ACS)	71-36-3	500 ML

Product Code	Product Description	CAS Number	Pack Size
C10100	Cadmium Chloride Anhydrous (White Granular Powder/Certified ACS)	10108-64-2	100 GR
C10500	Cadmium Chloride Anhydrous (White Granular Powder/Certified ACS)	10108-64-2	500 GR
C19500	Cadmium Sulfate 8/3 Hydrate (Cryst./Certified ACS)	7790-84-3	500 GR
O1728500	Caffeine (Powder/USP/FCC)	58-08-2	500 GR
C643	Calcium Carbonate (Powder/Certified ACS)	471-34-1	3 KG
C64500	Calcium Carbonate (Powder/Certified ACS)	471-34-1	500 GR
C633	Calcium Carbonate (Powder/USP/FCC)	471-34-1	3 KG
C/1040/60	Calcium carbonate, 98+%, extra pure, SLR, meets the specification of BP and Ph. Eur.	471-34-1	1 KG
C/1040/63	Calcium carbonate, 98+%, extra pure, SLR, meets the specification of BP and Ph. Eur.	471-34-1	3 KG
C/1040/65	Calcium carbonate, 98+%, extra pure, SLR, meets the specification of BP and Ph. Eur.	471-34-1	5 KG
C793	Calcium Chloride Dihydrate (Certified ACS)	10035-04-8	3 KG
C79500	Calcium Chloride Dihydrate (Certified ACS)	10035-04-8	500 GR
C70500	Calcium Chloride Dihydrate (Fine, White Granules/USP/FCC)	10035-04-8	500 GR
C69500	Calcium Chloride Dihydrate (USP/FCC/EP)	10035-04-8	500 GR
C/1500/60	Calcium chloride dihydrate, 99+%, for analysis, meets the specification of Ph. Eur.		1 KG
C/1500/50	Calcium chloride dihydrate, 99+%, for analysis, meets the specification of Ph. Eur.		250 GR
C/1500/53	Calcium chloride dihydrate, 99+%, for analysis, meets the specification of Ph. Eur.		500 GR
C/1500/65	Calcium chloride dihydrate, 99+%, for analysis, meets the specification of Ph. Eur.		5 KG
C88500	Calcium Hydroxide (Powder/USP/FCC)	1305-62-0	500 GR
C110500	Calcium Lactate Pentahydrate (USP)	5743-47-5	500 GR
C1093	Calcium Nitrate Tetrahydrate (Cryst./Certified ACS)	13477-34-4	3 KG
C109500	Calcium Nitrate Tetrahydrate (Cryst./Certified ACS)	13477-34-4	500 GR
C133500	Calcium Phosphate Tribasic (Powder/FCC/NF)	7758-87-4	500 GR
C184212	Carbon Disulfide (Certified ACS)	75-15-0	2.5 Ltr
C184500	Carbon Disulfide (Certified ACS)	75-15-0	500 ML
C272212	Carbon, Activated (Powder/USP)	7440-44-0	2.5 KG
C272500	Carbon, Activated (Powder/USP)	7440-44-0	500 GR
P1671	Carbowax PEG 400 (NF)	25322-68-3	1 LT
C248500	Ceric Ammonium Nitrate (Cryst./Certified ACS)	16774-21-3	500 GR
C/4280/53	Chloral hydrate, 99+%, extra pure, SLR, meets the specification of BP and Ph. Eur.		500 GR
C298500	Chloroform (Approx. 0.75% Ethanol as Preservative/Certified ACS)	67-66-3	500 ML
P1541	Chloroplatinic Acid Hexahydrate (Certified ACS)	16941-12-1	1 GR
O1972250	Choline Chloride (Reagent)	67-48-1	250 GR
C337500	Chromic Potassium Sulfate Dodecahydrate (Cryst./Certified ACS)	7788-99-0	500 GR
A100100	Chromium Trioxide (Cryst./Certified ACS)	1333-82-0	100 GR
A100212	Chromium Trioxide (Cryst./Certified ACS)	1333-82-0	2.5 KG
A100500	Chromium Trioxide (Cryst./Certified ACS)	1333-82-0	500 GR
A9401	Citric Acid Anhydrous (Cryst./Certified ACS)	77-92-9	1 KG
A940500	Citric Acid Anhydrous (Cryst./Certified ACS)	77-92-9	500 GR
A953	Citric Acid Anhydrous (Cryst./USP)	77-92-9	3 KG
A111212	Citric Acid Monohydrate (Crystalline/USP/EP/BP/JP)	5949-29-1	2.5 KG
A1043	Citric Acid Monohydrate (Granular/Certified ACS)	5949-29-1	3 KG
A104500	Citric Acid Monohydrate (Granular/Certified ACS)	5949-29-1	500 GR
A1103	Citric Acid Monohydrate (Granular/USP)	5949-29-1	3 KG
C/6240/53	Citric acid, 99+%, technical, anhydrous, SLR, meets the spec. of BP and Ph. Eur.		500 GR
C371100	Cobaltous Chloride Hexahydrate (Cryst./Certified ACS)	7791-13-1	100 GR
C371500	Cobaltous Chloride Hexahydrate (Cryst./Certified ACS)	7791-13-1	500 GR
C378500	Cobaltous Nitrate Hexahydrate (Cryst./Certified ACS)	10026-22-9	500 GR
C430500	Copper (Shot/Certified ACS)	7440-50-8	500 GR
C437500	Cupric Acetate Monohydrate (Cryst./Certified ACS)	6046-93-1	500 GR
C467500	Cupric Nitrate Hemipentahydrate (Cryst./Certified ACS)	19004-19-4	500 GR
I1103	Ferric Nitrate Nonahydrate (Cryst./Certified ACS)	7782-61-8	3 KG

Product Code	Product Description	CAS Number	Pack Size
C474500	Cupric Oxide (Wire, Black/Certified ACS)	1317-38-0	500 GR
C493500	Cupric Sulfate Pentahydrate (Fine Crystals/Certified ACS)	7758-99-8	500 GR
C494500	Cupric Sulfate Pentahydrate (Granular/USP)	7758-99-8	500 GR
C5561	Cyclohexane (Certified ACS)	110-82-7	1 LT
C556500	Cyclohexane (Certified ACS)	110-82-7	500 ML
O2116100	(1,2-Cyclohexylenedinitrilo)-tetraacetic Acid (Certified ACS)	125572-95-4	100 GR
O2126500	Decahydronaphthalene (cis and trans Mixture/Reagent)	91-17-8	500 ML
D161	Dextrose (D-Glucose) Anhydrous (Granular Powder/Certified ACS)	50-99-7	1 KG
D163	Dextrose (D-Glucose) Anhydrous (Granular Powder/Certified ACS)	50-99-7	3 KG
D16500	Dextrose (D-Glucose) Anhydrous (Granular Powder/Certified ACS)	50-99-7	500 GR
D14212	Dextrose Anhydrous (Cryst. Powder/EP/BP/USP)	50-99-7	2.5 KG
D14500	Dextrose Anhydrous (Cryst. Powder/EP/BP/USP)	50-99-7	500 GR
D19212	Dextrose Anhydrous (Crystalline Powder/USP/EP/BP/JP)	50-99-7	2.5 KG
D121	Dextrose Monohydrate (Cryst. Powder/USP/EP/BP)	5996-10-1	1 KG
D12500	Dextrose Monohydrate (Cryst. Powder/USP/EP/BP)	5996-10-1	500 GR
D153	Dextrose Monohydrate (Powder/USP)	5996-10-1	3 KG
D15500	Dextrose Monohydrate (Powder/USP)	5996-10-1	500 GR
E175500	1,2-Dichloroethane (Certified ACS)	107-06-2	500 ML
S2865	2,6-Dichloroindophenol Sodium Salt (Certified ACS)	620-45-1	5 GR
D1281	Dimethyl Sulfoxide (Certified ACS)	67-68-5	1 LT
D128500	Dimethyl Sulfoxide (Certified ACS)	67-68-5	500 ML
D71100	p-Dimethylaminobenzaldehyde (Certified ACS)	100-10-7	100 GR
D7125	p-Dimethylaminobenzaldehyde (Certified ACS)	100-10-7	25 GR
D1191	N,N-Dimethylformamide (Certified ACS)	68-12-2	1 LT
D119500	N,N-Dimethylformamide (Certified ACS)	68-12-2	500 ML
D62100	Dimethylglyoxime (Cryst./Certified ACS)	95-45-4	100 GR
D111500	1,4-Dioxane (Certified ACS)	123-91-1	500 ML
O2611100	Diphenylamine (Certified ACS)	122-39-4	100 GR
O2611500	Diphenylamine (Certified ACS)	122-39-4	500 GR
D1415	Diphenylaminesulfonic Acid Sodium Salt (Cryst./Certified ACS)	6152-67-6	5 GR
S/4520/63	Di-Sodium Hydrogen Orthophosphate Anhydrous, Certified AR for Analysis, meets analytical specification of Ph.Eur., BP		3 Kg
S/4520/65	Di-Sodium Hydrogen Orthophosphate Anhydrous, Certified AR for Analysis, meets analytical specification of Ph.Eur., BP		5 KG
E1451	Ethyl Acetate (Certified ACS)	141-78-6	1 LT
E145500	Ethyl Acetate (Certified ACS)	141-78-6	500 ML
E1381	Ethyl Ether Anhydrous (BHT Stabilized/Certified ACS)	60-29-7	1 LT
E138500	Ethyl Ether Anhydrous (BHT Stabilized/Certified ACS)	60-29-7	500 ML
E4781	Ethylenediamine Tetraacetic Acid (Certified ACS)	60-00-4	1 KG
E478500	Ethylenediamine Tetraacetic Acid (Certified ACS)	60-00-4	500 GR
S316212	Ethylenediaminetetraacetic Acid, Disodium Salt Dihydr. (Cryst. Powd./USP/EP/BP/JP)	6381-92-6	2.5 KG
S312212	Ethylenediaminetetraacetic Acid, Disodium Salt Dihydrate (Cryst. Powder/USP/FCC)	6381-92-6	2.5 KG
S312500	Ethylenediaminetetraacetic Acid, Disodium Salt Dihydrate (Cryst. Powder/USP/FCC)	6381-92-6	500 GR
S311100	Ethylenediaminetetraacetic Acid, Disodium Salt Dihydrate (Cryst./Certified ACS)	6381-92-6	100 GR
S3113	Ethylenediaminetetraacetic Acid, Disodium Salt Dihydrate (Cryst./Certified ACS)	6381-92-6	3 KG
S311500	Ethylenediaminetetraacetic Acid, Disodium Salt Dihydrate (Cryst./Certified ACS)	6381-92-6	500 GR
I753	Ferric Ammonium Sulfate Dodecahydrate (Cryst./Certified ACS)	7783-83-7	3 KG
I75500	Ferric Ammonium Sulfate Dodecahydrate (Cryst./Certified ACS)	7783-83-7	500 GR
I88100	Ferric Chloride Hexahydrate (Lumps/Certified ACS)	10025-77-1	100 GR
I88500	Ferric Chloride Hexahydrate (Lumps/Certified ACS)	10025-77-1	500 GR
I110100	Ferric Nitrate Nonahydrate (Cryst./Certified ACS)	7782-61-8	100 GR

Safely serving science

EcoSafPAK™

EcoSafPAK™ packaging minimizes the use of non-recyclable material using the revolutionary Hexacomb design inserts.

The Hexacomb is:

- Fully Recyclable
- Sturdy and Durable
- Versatile

Improved Safety and Handling:

- EcoSafPAK™ is the only package of its kind to pass the most demanding ISTA (International Safe Transport Association) “3A” test, consisting of:
 - 17 drops to simulate real-world parcel shipment handling
 - Shock testing
 - Vibration testing
- Corrugated material is shock absorbing
- Greater stability in the frame of the box
- Staggered handholds for ease of transport



Product Code	Product Description	CAS Number	Pack Size
I110500	Ferric Nitrate Nonahydrate (Cryst./Certified ACS)	7782-61-8	500 GR
I77212	Ferrous Ammonium Sulfate Hexahydrate (Cryst./Certified ACS)	7783-85-9	2.5 KG
I77500	Ferrous Ammonium Sulfate Hexahydrate (Cryst./Certified ACS)	7783-85-9	500 GR
I1463	Ferrous Sulfate Heptahydrate (Cryst./Certified ACS)	7782-63-0	3 KG
I146500	Ferrous Sulfate Heptahydrate (Cryst./Certified ACS)	7782-63-0	500 GR
I1493	Ferrous Sulfate Heptahydrate (Cryst./USP/FCC)	7782-63-0	3 KG
F791	Formaldehyde, 37% by Weight (With Preservative/Certified ACS)	50-00-0	1 LT
F79500	Formaldehyde, 37% by Weight (With Preservative/Certified ACS)	50-00-0	500 ML
F841	Formamide (Certified ACS)	75-12-7	1 LT
A118P100	Formic Acid, 88% (Certified ACS)	64-18-6	100 ML
A118P500	Formic Acid, 88% (Certified ACS)	64-18-6	500 ML
L96212	D-Fructose (Cryst./USP)	57-48-7	2.5 KG
L96500	D-Fructose (Cryst./USP)	57-48-7	500 GR
G/0500/60	D(+)-Glucose anhydrous, for analysis, AR, meets the specification of BP and Ph. Eur.		1 KG
G/0500/61	D(+)-Glucose anhydrous, for analysis, AR, meets the specification of BP and Ph. Eur.		2 KG
G/0500/53	D(+)-Glucose anhydrous, for analysis, AR, meets the specification of BP and Ph. Eur.		500 GR
G/0500/65	D(+)-Glucose anhydrous, for analysis, AR, meets the specification of BP and Ph. Eur.		5 KG
G/0400/60	D(+)-Glucose monohydrate, extra pure, SLR, meets the specification of BP and Ph. Eur.		1 KG
G/0400/65	D(+)-Glucose monohydrate, extra pure, SLR, meets the specification of BP and Ph. Eur.		5 KG
G331	Glycerol (Certified ACS), Fisher Chemical	56-81-5	1 LT
G33500	Glycerol (Certified ACS)	56-81-5	500 ML
G311	Glycerol (Clear, Colorless/USP/FCC)	56-81-5	1 LT
G31500	Glycerol (Clear, Colorless/USP/FCC)	56-81-5	500 ML
G48212	Glycine (Cryst. Granules or Powder/USP)	56-40-6	2.5 KG
G48500	Glycine (Cryst. Granules or Powder/USP)	56-40-6	500 GR
G45212	Glycine (Crystalline Granules or Powder/USP/EP/BP/JP)	56-40-6	2.5 KG
H288500	Hexamethylenetetramine (Certified ACS)	100-97-0	500 GR
H290500	Hexamethylenetetramine (Cryst./USP)	100-97-0	500 GR
H2921	Hexanes (Certified ACS)	110-54-3	1 LT
H292500	Hexanes (Certified ACS)	110-54-3	500 ML
H320500	Hydrazine Sulfate (Powder/Certified ACS)	10034-93-2	500 GR
A140100	Hydrobromic Acid, 47-49% (Certified ACS)	10035-10-6	100 ML
A140500	Hydrobromic Acid, 47-49% (Certified ACS)	10035-10-6	500 ML
A144212	Hydrochloric Acid (Certified ACS Plus)	7647-01-0	2.5 LT
A144500	Hydrochloric Acid (Certified ACS Plus)	7647-01-0	500 ML
A144S500	Hydrochloric Acid (Certified ACS Plus)	7647-01-0	500 ML
A144SI212	Hydrochloric Acid (Certified ACS Plus)	7647-01-0	2.5 LT
A481212	Hydrochloric Acid (NF/FCC)	7647-01-0	2.5 LT
H/1180/PB15	Hydrochloric acid, with low Cadmium, Lead and Mercury level, ~37%, for analysis, AR, meets the specification of Ph. Eur.	7647-01-0	1 LT
H/1180/PB17	Hydrochloric acid, with low Cadmium, Lead and Mercury level, ~37%, for analysis, AR, meets the specification of Ph. Eur.	7647-01-0	2.5 LT
H/1180/PB08	Hydrochloric acid, with low Cadmium, Lead and Mercury level, ~37%, for analysis, AR, meets the specification of Ph. Eur.	7647-01-0	500 ML
H312500	Hydrogen Peroxide, 3% w/v (USP)	7722-84-1	500 ML
H325100	Hydrogen Peroxide, 30% (Certified ACS)	7722-84-1	100 ML
H325500	Hydrogen Peroxide, 30% (Certified ACS)	7722-84-1	500 ML
H3301	Hydroxylamine Hydrochloride (Suitable for Mercury Determination/Certified ACS)	5470-11-1	1 KG
H330100	Hydroxylamine Hydrochloride (Suitable for Mercury Determination/Certified ACS)	5470-11-1	100 GR
H330500	Hydroxylamine Hydrochloride (Suitable for Mercury Determination/Certified ACS)	5470-11-1	500 GR
O261100	8-Hydroxyquinoline (Certified ACS)	148-24-3	100 GR
O261500	8-Hydroxyquinoline (Certified ACS)	148-24-3	500 GR
O610425	Indole (Off-white Cryst. Solid/Certified)	120-72-9	25 GR

Product Code	Product Description	CAS Number	Pack Size
I37100	Iodine (Flakes/Certified ACS)	7553-56-2	100 GR
I37500	Iodine (Flakes/Certified ACS)	7553-56-2	500 GR
I35100	Iodine (Resublimed Crystals/USP)	7553-56-2	100 GR
I35500	Iodine (Resublimed Crystals/USP)	7553-56-2	500 GR
A3971	Isobutyl Alcohol (Certified ACS)	78-83-1	1 LT
O2991	Isooctane (Certified ACS)	540-84-1	1 LT
K2500	Kaolin (Acid Washed Powder/USP)	1332-58-7	500 GR
O3348100	alpha-Ketoglutaric Acid (Reagent)	328-50-7	100 GR
A1621	Lactic Acid (85% w/w/Certified ACS)	50-21-5	1 LT
A162500	Lactic Acid (85% w/w/Certified ACS)	50-21-5	500 ML
A159500	Lactic Acid (USP/FCC)	50-21-5	500 ML
L/0150/PB17	Lactic acid, for analysis, AR, meets the specification of Ph. Eur.	50-21-5	2.5 LT
L/0150/PB08	Lactic acid, for analysis, AR, meets the specification of Ph. Eur.	50-21-5	500 ML
L5500	alpha-D-(+)-Lactose Monohydrate (Powder/Certified ACS)	5989-81-1	500 GR
L6212	D-Lactose Monohydrate (Powder/NF)	5989-81-1	2.5 KG
L6500	D-Lactose Monohydrate (Powder/NF)	5989-81-1	500 GR
L8212	D-Lactose Monohydrate (Powder/NF/EP/BP/JP)	5989-81-1	2.5 KG
L7500	Lanolin (USP)	8006-54-0	500 GR
L33250	Lead Acetate Trihydrate (Certified ACS)	6080-56-4	250 GR
L33500	Lead Acetate Trihydrate (Certified ACS)	6080-56-4	500 GR
L62100	Lead Nitrate (Cryst./Certified ACS)	10099-74-8	100 GR
L62500	Lead Nitrate (Cryst./Certified ACS)	10099-74-8	500 GR
L119500	Lithium Carbonate (Powder/Certified ACS)	554-13-2	500 GR
M13500	Magnesium Acetate Tetrahydrate (Cryst./Certified ACS)	16674-78-5	500 GR
M27212	Magnesium Carbonate (Powder/USP/FCC)	546-93-0	2.5 KG
M27500	Magnesium Carbonate (Powder/USP/FCC)	546-93-0	500 GR
M333	Magnesium Chloride Hexahydrate (Cryst./Certified ACS)	7791-18-6	3 KG
M33500	Magnesium Chloride Hexahydrate (Cryst./Certified ACS)	7791-18-6	500 GR
M35212	Magnesium Chloride Hexahydrate (Cryst./USP/FCC)	7791-18-6	2.5 KG
M35500	Magnesium Chloride Hexahydrate (Cryst./USP/FCC)	7791-18-6	500 GR
M36212	Magnesium Chloride Hexahydrate (Cryst./USP/FCC/EP/BP)	7791-18-6	2.5 KG
M342500	Magnesium Hydroxide (Powder/USP/FCC)	1309-42-8	500 GR
M46212	Magnesium Nitrate Hexahydrate (Cryst./Certified ACS)	13446-18-9	2.5 KG
M46500	Magnesium Nitrate Hexahydrate (Cryst./Certified ACS)	13446-18-9	500 GR
M683	Magnesium Oxide (Heavy Powder/USP/FCC)	1309-48-4	3 KG
M68500	Magnesium Oxide (Heavy Powder/USP/FCC)	1309-48-4	500 GR
M51100	Magnesium Oxide (Powder/Certified ACS)	1309-48-4	100 GR
M51500	Magnesium Oxide (Powder/Certified ACS)	1309-48-4	500 GR
M/0800/50	Magnesium oxide, extra pure, heavy, SLR, meets specification of BP + Ph.Eur.	1309-48-4	250 GR
M/0800/53	Magnesium oxide, extra pure, heavy, SLR, meets specification of BP + Ph.Eur.	1309-48-4	500 GR
M/0850/60	Magnesium oxide, extra pure, light, SLR, meets specification of BP + Ph. Eur.	1309-48-4	1 KG
M/0850/53	Magnesium oxide, extra pure, light, SLR, meets specification of BP + Ph. Eur.	1309-48-4	500 GR
M/0955/53	Magnesium stearate, technical, meets the specification of BP and Ph. Eur.	1309-48-4	500 GR
M633	Magnesium Sulfate Heptahydrate (Cryst./Certified ACS)	10034-99-8	3 KG
M63500	Magnesium Sulfate Heptahydrate (Cryst./Certified ACS)	10034-99-8	500 GR
M673	Magnesium Sulfate Heptahydrate (USP/FCC)	10034-99-8	3 KG
M80212	Magnesium Sulfate Heptahydrate (USP/FCC/EP)	10034-99-8	2.5 KG
M80500	Magnesium Sulfate Heptahydrate (USP/FCC/EP)	10034-99-8	500 GR
M/1000/60	Magnesium sulfate heptahydrate, extra pure, SLR, meets the specification of BP	10034-99-8	1 KG
M/1000/62	Magnesium sulfate heptahydrate, extra pure, SLR, meets the specification of BP	10034-99-8	2.5 KG
M/1000/65	Magnesium sulfate heptahydrate, extra pure, SLR, meets the specification of BP	10034-99-8	5 KG

Product Code	Product Description	CAS Number	Pack Size
M87100	Manganese Chloride Tetrahydrate (Cryst./Certified ACS)	13446-34-9	100 GR
M87500	Manganese Chloride Tetrahydrate (Cryst./Certified ACS)	13446-34-9	500 GR
M1133	Manganese Sulfate Monohydrate (Cryst./Certified ACS)	10034-96-5	3 KG
M113500	Manganese Sulfate Monohydrate (Cryst./Certified ACS)	10034-96-5	500 GR
M114212	Manganese Sulfate Monohydrate (Granular Powder/USP/FCC)	10034-96-5	2.5 KG
M114500	Manganese Sulfate Monohydrate (Granular Powder/USP/FCC)	10034-96-5	500 GR
M/2405/53	Mannitol, for analysis, AR, meets the specification of BP and Ph. Eur.		500 GR
A4121	Methanol (Certified ACS)	67-56-1	1 LT
A412500	Methanol (Certified ACS)	67-56-1	500 ML
A413500	Methanol (NF)	67-56-1	500 ML
M352500	Methyl Cellulose (Powder/USP/FCC)	9004-67-5	500 GR
M2131	Methyl iso-Butyl Ketone (Certified ACS)	108-10-1	1 LT
M21625	Methyl Orange (Certified ACS)	547-58-0	25 GR
M216500	Methyl Orange (Certified ACS)	547-58-0	500 GR
M30110	Methyl Red, Sodium Salt (Certified ACS)	845-10-3	10 GR
M235100	Methylene Blue Trihydrate (Cryst./USP)	7220-79-3	100 GR
D371	Methylene Chloride (Stabilized/Certified ACS)	75-09-2	1 LT
D37500	Methylene Chloride (Stabilized/Certified ACS)	75-09-2	500 ML
O1221	Mineral Oil, Heavy (USP/FCC)	8042-47-5	1 LT
O1211	Mineral Oil, Light (NF/FCC)	8042-47-5	1 LT
A173500	Molybdic Acid, 85% (Powder/Certified ACS)	12054-85-2	500 GR
A174500	Molybdic Anhydride (Powder/Certified ACS)	1313-27-5	500 GR
M2631	Morpholine (Certified ACS)	110-91-8	1 LT
N73100	Nickel Sulfate Hexahydrate (Cryst./Certified ACS)	10101-97-0	100 GR
N73500	Nickel Sulfate Hexahydrate (Cryst./Certified ACS)	10101-97-0	500 GR
T34910	Ninhydrin (Certified ACS)	485-47-2	10 GR
A200212	Nitric Acid (Certified ACS Plus)	7697-37-2	2.5 LT
A200500	Nitric Acid (Certified ACS Plus)	7697-37-2	500 ML
A200S500	Nitric Acid (Certified ACS Plus)	7697-37-2	500 ML
A200SI212	Nitric Acid (Certified ACS Plus)	7697-37-2	2.5 LT
A483212	Nitric Acid (NF)	7697-37-2	2.5 LT
A202212	Nitric Acid Fuming (Certified ACS)	7697-37-2	2.5 LT
A202400	Nitric Acid, Fuming (Certified ACS)	7697-37-2	400 ML
N/2320/PB15	Nitric acid, with low cadmium, lead and mercury level, ~69%, for analysis, Certified AR, Conform to EP	7697-37-2	1 LT
N/2320/PB17	Nitric acid, with low cadmium, lead and mercury level, ~69%, for analysis, Certified AR, Conform to EP	7697-37-2	2.5 LT
BP2670100	Nitrotriactic Acid (Certified ACS), Fisher BioReagents	139-13-9	100 GR
N911500	Nitrobenzene (Certified ACS)	98-95-3	500 ML
A195500	Oleic Acid (NF/FCC)	112-80-1	500 ML
A219250	Oxalic Acid Dihydrate (Cryst./Certified ACS)	6153-56-6	250 GR
A2193	Oxalic Acid Dihydrate (Cryst./Certified ACS)	6153-56-6	3 KG
A219500	Oxalic Acid Dihydrate (Cryst./Certified ACS)	6153-56-6	500 GR
A22861LB	Perchloric Acid, 60% (Certified ACS)	7601-90-3	1 LB
A22961LB	Perchloric Acid, 70% (Certified ACS)	7601-90-3	1 LB
E1391	Petroleum Ether (Certified ACS)	8032-32-4	1 LT
E139500	Petroleum Ether (Certified ACS)	8032-32-4	500 ML
P7010	1,10-Phenanthroline Monohydrate (Certified ACS)	5144-89-8	10 GR
P705	1,10-Phenanthroline Monohydrate (Certified ACS)	5144-89-8	5 GR
A92100	Phenol (Crystals/Certified ACS)	108-95-2	100 GR
A92500	Phenol (Crystals/Certified ACS)	108-95-2	500 GR
P7410	Phenol Red, Free Acid (Certified ACS)	143-74-8	10 GR
P39110	Phenol Red, Sodium Salt (Certified ACS)	34487-61-1	10 GR

Product Code	Product Description	CAS Number	Pack Size
P/2360/60	Phenol, 99+%, for analysis, detached crystals, AR, meets spec. of BP + Ph.Eur.	108-95-2	1 KG
P/2360/61	Phenol, 99+%, for analysis, detached crystals, AR, meets spec. of BP + Ph.Eur.	108-95-2	2 KG
P/2360/53	Phenol, 99+%, for analysis, detached crystals, AR, meets spec. of BP + Ph.Eur.	108-95-2	500 GR
P79100	Phenolphthalein (Certified ACS)	77-09-8	100 GR
P79500	Phenolphthalein (Certified ACS)	77-09-8	500 GR
A237100	Phosphomolybdic Acid Hydrate (Cryst./Certified ACS)	51429-74-4	100 GR
A280100	m-Phosphoric Acid (Cryst. or Flakes/Certified ACS)	37267-86-0	100 GR
A2803	m-Phosphoric Acid (Cryst. or Flakes/Certified ACS)	37267-86-0	3 KG
A280500	m-Phosphoric Acid (Cryst. or Flakes/Certified ACS)	37267-86-0	500 GR
A3651	o-Phosphoric Acid (NF/FCC)	7664-38-2	1 LT
A2421	o-Phosphoric Acid 85% (Certified ACS)	7664-38-2	1 LT
A242212	o-Phosphoric Acid 85% (Certified ACS)	7664-38-2	2.5 LT
A242500	o-Phosphoric Acid 85% (Certified ACS)	7664-38-2	500 ML
A242SK212	o-Phosphoric Acid 85% (Certified ACS)	7664-38-2	2.5 LT
A245100	Phosphorus Pentoxide (Certified ACS)	1314-56-3	100 GR
A245500	Phosphorus Pentoxide (Certified ACS)	1314-56-3	500 GR
P171500	Potassium Acetate (Cryst./Certified ACS)	127-08-2	500 GR
P17113	Potassium Acetate (Cryst./Certified ACS)	127-08-2	3 KG
P1783	Potassium Acetate (Cryst./USP)	127-08-2	3 KG
P181212	Potassium Acetate (Crystalline/USP/EP/BP)	127-08-2	2.5 KG
P184500	Potassium Bicarbonate (Cryst./Certified ACS)	298-14-6	500 GR
P235500	Potassium Bicarbonate (Powder/USP/FCC)	298-14-6	500 GR
P2053	Potassium Bromide (Beads or Powder/Certified ACS)	7758-02-3	3 KG
P205500	Potassium Bromide (Beads or Powder/Certified ACS)	7758-02-3	500 GR
P2083	Potassium Carbonate Anhydrous (Granular Powder/Certified ACS)	584-08-7	3 KG
P208500	Potassium Carbonate Anhydrous (Granular Powder/Certified ACS)	584-08-7	500 GR
P179500	Potassium Carbonate Sesquihydrate (Powder/Certified ACS)	6381-79-9	500 GR
P/4120/60	Potassium carbonate, for analysis, anhydrous, AR, meets specification of Ph. Eur.	584-08-7	1 KG
P/4120/62	Potassium carbonate, for analysis, anhydrous, AR, meets specification of Ph. Eur.	584-08-7	2.5 KG
P/4120/50	Potassium carbonate, for analysis, anhydrous, AR, meets specification of Ph. Eur.	584-08-7	250 GR
P/4120/53	Potassium carbonate, for analysis, anhydrous, AR, meets specification of Ph. Eur.	584-08-7	500 GR
P212100	Potassium Chlorate (Cryst./Certified ACS)	3811-04-9	100 GR
P212500	Potassium Chlorate (Cryst./Certified ACS)	3811-04-9	500 GR
P2173	Potassium Chloride (Cryst./Certified ACS)	7447-40-7	3 KG
P217500	Potassium Chloride (Cryst./Certified ACS)	7447-40-7	500 GR
P3333	Potassium Chloride (Cryst./EP/BP/USP/FCC)	7447-40-7	3 KG
P333500	Potassium Chloride (Cryst./EP/BP/USP/FCC)	7447-40-7	500 GR
P3303	Potassium Chloride (Cryst./USP/FCC)	7447-40-7	3 KG
P330500	Potassium Chloride (Cryst./USP/FCC)	7447-40-7	500 GR
P335212	Potassium Chloride (Crystalline/USP/FCC/EP/BP/JP)	7447-40-7	2.5 KG
P/4240/60	Potassium chloride, extra pure, SLR, meets the specification of Ph. Eur.	7447-40-7	1 KG
P/4240/62	Potassium chloride, extra pure, SLR, meets the specification of Ph. Eur.	7447-40-7	2.5 KG
P/4240/53	Potassium chloride, extra pure, SLR, meets the specification of Ph. Eur.	7447-40-7	500 GR
P/4240/65	Potassium chloride, extra pure, SLR, meets the specification of Ph. Eur.	7447-40-7	5 KG
P220100	Potassium Chromate (Granular/Certified ACS)	7789-00-6	100 GR
P2203	Potassium Chromate (Granular/Certified ACS)	7789-00-6	3 KG
P220500	Potassium Chromate (Granular/Certified ACS)	7789-00-6	500 GR
P218212	Potassium Citrate Monohydrate (Granular/USP/FCC)	6100-05-6	2.5 KG
P218500	Potassium Citrate Monohydrate (Granular/USP/FCC)	6100-05-6	500 GR
P188100	Potassium Dichromate (Cryst./Certified ACS)	7778-50-9	100 GR
P188500	Potassium Dichromate (Cryst./Certified ACS)	7778-50-9	500 GR
P232500	Potassium Ferricyanide (Cryst./Certified ACS)	13746-66-2	500 GR

FisherLOCK™ Caps

Fisher Chemical products are now packaged with the innovative, new FisherLOCK™ Cap, designed to help maintain the highest standards in product quality and chemical safety practices.

With an exclusive colour-coded design (patent pending), the FisherLOCK™ Cap is engineered to lock the transfer bead of the bottle when applied during manufacturing to a filled bottle of laboratory chemicals. The cap design includes an interior ring, visible from various angles, which offers resistance until separated from the cap when opened.

The presence and location of that ring imparts tamper evidence to the configuration — without the drawbacks and complications of a plastic seal over the cap. The FisherLOCK™ Cap is easy-to-use, and supports product quality, reliability of use and safety-in-use of the chemical products you purchase.

The FisherLOCK™ Cap locks in quality, safety, reliability and convenience:

QUALITY

- Provides a tight, tamper-evident, secure seal to ensure chemical contents arrive fresh and unopened
- Eliminates polyethylene glycol contamination that is possible with a plastic overseal

SAFETY

- Caps are designed to resist back-off during transport, reducing risk of leakage
- Color-coded rings indicate storage requirements and hazard categories, and enhance proper recognition, handling and storage, even before the bottle is removed from the case

RELIABILITY

- Rigorously tested for chemical compatibility
- Bottle threads are unchanged, allowing you to continue to attach the opened bottle to standard equipment

CONVENIENCE

- Cap design facilitates correct initial torque application during manufacturing, thus eliminating caps that may be hard to twist open
- Larger ridges on the exterior of the cap make it easier to open
- Caps readily reseal after initial opening



Product Code	Product Description	CAS Number	Pack Size
P236500	Potassium Ferrocyanide Trihydrate (Cryst./Certified ACS)	14459-95-1	500 GR
P/5080/62	Potassium Hydrogen Carbonate, Extra Pure, SLR specified reagent for general laboratory work, meets analytical specification of Ph.Eur., BP		2.5 Kg
P/5080/53	Potassium Hydrogen Carbonate, Extra Pure, SLR specified reagent for general laboratory work, meets analytical specification of Ph.Eur., BP		500 GM
P2501	Potassium Hydroxide (Pellets/Certified ACS)	1310-58-3	1 KG
P2503	Potassium Hydroxide (Pellets/Certified ACS)	1310-58-3	3 KG
P250500	Potassium Hydroxide (Pellets/Certified ACS)	1310-58-3	500 GR
P2513	Potassium Hydroxide (Pellets/NF/FCC)	1310-58-3	3 KG
P251500	Potassium Hydroxide (Pellets/NF/FCC)	1310-58-3	500 GR
P258212	Potassium Hydroxide (Pellets/NF/FCC/EP/BP/JP)	1310-58-3	2.5 KG
P/5640/60	Potassium hydroxide, for analysis, pellets, meets the specification of BP + Ph. Eur.	1310-58-3	1 KG
P/5640/53	Potassium hydroxide, for analysis, pellets, meets the specification of BP + Ph. Eur.	1310-58-3	500 GR
P/5640/65	Potassium hydroxide, for analysis, pellets, meets the specification of BP + Ph. Eur.	1310-58-3	5 KG
P253100	Potassium Iodate (Powder/Certified ACS)	7758-05-6	100 GR
P253500	Potassium Iodate (Powder/Certified ACS)	7758-05-6	500 GR
P410100	Potassium Iodide (Granular, Free Flowing/Certified ACS)	7681-11-0	100 GR
P4103	Potassium Iodide (Granular, Free Flowing/Certified ACS)	7681-11-0	3 KG
P410500	Potassium Iodide (Granular, Free Flowing/Certified ACS)	7681-11-0	500 GR
P4123	Potassium Iodide (Granular, Free Flowing/USP/FCC)	7681-11-0	3 KG
P412500	Potassium Iodide (Granular, Free Flowing/USP/FCC)	7681-11-0	500 GR
P269212	Potassium Metabisulfite (Granular/NF/FCC)	16731-55-8	2.5 KG
P269500	Potassium Metabisulfite (Granular/NF/FCC)	16731-55-8	500 GR
P277100	Potassium meta-Periodate (Certified ACS)	7790-21-8	100 GR
P263100	Potassium Nitrate (Cryst./Certified ACS)	7757-79-1	100 GR
P2633	Potassium Nitrate (Cryst./Certified ACS)	7757-79-1	3 KG
P263500	Potassium Nitrate (Cryst./Certified ACS)	7757-79-1	500 GR
P/6120/53	Potassium nitrate, for analysis, AR, meets the specification of BP and Ph. Eur.	7757-79-1	500 GR
P/6120/60	Potassium nitrate, for analysis, AR, meets the specification of BP and Ph. Eur.	7757-79-1	1 KG
P/6120/50	Potassium nitrate, for analysis, AR, meets the specification of BP and Ph. Eur.	7757-79-1	250 GR
P/6120/65	Potassium nitrate, for analysis, AR, meets the specification of BP and Ph. Eur.	7757-79-1	5 KG
P267250	Potassium Nitrite (Cryst./Certified ACS)	7758-09-0	250 GR
P267500	Potassium Nitrite (Cryst./Certified ACS)	7758-09-0	500 GR
P273250	Potassium Oxalate Monohydrate (Cryst./Certified ACS)	6487-48-5	250 GR
P273500	Potassium Oxalate Monohydrate (Cryst./Certified ACS)	6487-48-5	500 GR
P279212	Potassium Permanganate (Cryst./Certified ACS)	7722-64-7	2.5 KG
P279500	Potassium Permanganate (Cryst./Certified ACS)	7722-64-7	500 GR
P287212	Potassium Permanganate (Cryst./USP)	7722-64-7	2.5 KG
P282500	Potassium Persulfate (Certified ACS)		500 GR
P290212	Potassium Phosphate Dibasic Anhydrous (Cryst. Powder/USP)	7758-11-4	2.5 KG
P290500	Potassium Phosphate Dibasic Anhydrous (Cryst. Powder/USP)	7758-11-4	500 GR
P288100	Potassium Phosphate Dibasic Anhydrous (Crystalline Powder/Certified ACS)	7758-11-4	100 GR
P2883	Potassium Phosphate Dibasic Anhydrous (Crystalline Powder/Certified ACS)	7758-11-4	3 KG
P288500	Potassium Phosphate Dibasic Anhydrous (Crystalline Powder/Certified ACS)	7758-11-4	500 GR
P380212	Potassium Phosphate Monobasic (Cryst./NF/FCC)	7778-77-0	2.5 KG
P380500	Potassium Phosphate Monobasic (Cryst./NF/FCC)	7778-77-0	500 GR
P386500	Potassium Phosphate Monobasic (Cryst./NF/FCC/EP/BP)	7778-77-0	500 GR
P2853	Potassium Phosphate Monobasic (Crystalline/Certified ACS)	7778-77-0	3 KG
P285500	Potassium Phosphate Monobasic (Crystalline/Certified ACS)	7778-77-0	500 GR
P3043	Potassium Sulfate (Cryst./Certified ACS)	7778-80-5	3 KG
P304500	Potassium Sulfate (Cryst./Certified ACS)	7778-80-5	500 GR
P305500	Potassium Sulfate (Powder/Certified ACS)	7778-80-5	500 GR

Product Code	Product Description	CAS Number	Pack Size
P317100	Potassium Thiocyanate (Cryst./Certified ACS)	333-20-0	100 GR
P317500	Potassium Thiocyanate (Cryst./Certified ACS)	333-20-0	500 GR
P/7440/17	Propane-1,2-diol, 99+%, extra pure, SLR, meets the specification of BP and Ph. Eur.		2.5 LT
P/7440/08	Propane-1,2-diol, 99+%, extra pure, SLR, meets the specification of BP and Ph. Eur.		500 ML
A4161	2-Propanol (Certified ACS Plus)	67-63-0	1 LT
A416500	2-Propanol (Certified ACS Plus)	67-63-0	500 ML
A516500	2-Propanol (USP)	67-63-0	500 ML
P3551	Propylene Glycol (USP/FCC)	57-55-6	1 LT
P3681	Pyridine (Certified ACS)	110-86-1	1 LT
P368500	Pyridine (Certified ACS)	110-86-1	500 ML
A263100	Pyrogallol (Cryst./Certified ACS)	87-66-1	100 GR
A263500	Pyrogallol (Cryst./Certified ACS)	87-66-1	500 GR
S394500	Saccharin Sodium (Powder/USP/FCC)	128-44-9	500 GR
A277500	Salicylic Acid (Cryst. or Powder/Certified ACS)	69-72-7	500 GR
A275500	Salicylic Acid (Cryst./USP)	69-72-7	500 GR
S157212	Silica Gel Desiccant (28-200 Mesh, Grade 12/Certified ACS)	63231-67-4	2.5 KG
S684212	Silica Gel Desiccant (6-12 Mesh, Certified ACS)	63231-67-4	2.5 KG
S692212	Silica Gel Desiccant (8 Mesh, Grade 03/Certified ACS)	63231-67-4	2.5 KG
S162212	Silica Gel Desiccant Indicating (Grade 48, 3-8 Mesh/Certified ACS)	7646-79-9	2.5 KG
S162500	Silica Gel Desiccant Indicating (Grade 48, 3-8 Mesh/Certified ACS)	7646-79-9	500 GR
S161212	Silica Gel, Grade 47 (10-18 Mesh/Certified ACS)	7646-79-9	2.5 KG
S161500	Silica Gel, Grade 47 (10-18 Mesh/Certified ACS)	7646-79-9	500 GR
BP2546100	Silver Nitrate (Cryst./Certified ACS), Fisher BioReagents	7761-88-8	100 GR
S181100	Silver Nitrate (Cryst./Certified ACS)	7761-88-8	6*100 GR
S18125	Silver Nitrate (Cryst./Certified ACS)	7761-88-8	25 GR
S181500	Silver Nitrate (Cryst./Certified ACS)	7761-88-8	500 GR
S486100	Silver Nitrate (Cryst./USP)	7761-88-8	100 GR
S486500	Silver Nitrate (Cryst./USP)	7761-88-8	500 GR
S190100	Silver Sulfate (Powder/Certified ACS)	10294-26-5	100 GR
S19025	Silver Sulfate (Powder/Certified ACS)	10294-26-5	25 GR
S190500	Silver Sulfate (Powder/Certified ACS)	10294-26-5	500 GR
S2102	Sodium Acetate Anhydrous (Fused Crystals/Certified ACS)	127-09-3	2 KG
S210500	Sodium Acetate Anhydrous (Fused Crystals/Certified ACS)	127-09-3	500 GR
S2093	Sodium Acetate Trihydrate (Cryst./Certified ACS)	6131-90-4	3 KG
S209500	Sodium Acetate Trihydrate (Cryst./Certified ACS)	6131-90-4	500 GR
S6083	Sodium Acetate Trihydrate (Granular/USP/FCC)	6131-90-4	3 KG
S608500	Sodium Acetate Trihydrate (Granular/USP/FCC)	6131-90-4	500 GR
S609212	Sodium Acetate Trihydrate (Granular/USP/FCC/EP/BP/JP)	6131-90-4	2.5 KG
S609500	Sodium Acetate Trihydrate (Granular/USP/FCC/EP/BP/JP)	6131-90-4	500 GR
S607212	Sodium Acetate Trihydrate (White Crystals/USP/FCC/EP/BP)	6131-90-4	2.5 KG
S607500	Sodium Acetate Trihydrate (White Crystals/USP/FCC/EP/BP)	6131-90-4	500 GR
S/2000/60	Sodium acetate trihydrate, extra pure, crystal, SLR, meets specification of BP + Ph. Eur.	6131-90-4	1 KG
S/2000/62	Sodium acetate trihydrate, extra pure, crystal, SLR, meets specification of BP + Ph. Eur.	6131-90-4	2.5 KG
S/2000/53	Sodium acetate trihydrate, extra pure, crystal, SLR, meets specification of BP + Ph. Eur.	6131-90-4	500 GR
S/2000/65	Sodium acetate trihydrate, extra pure, crystal, SLR, meets specification of BP + Ph. Eur.	6131-90-4	5 KG
S224500	Sodium Benzoate (Granular/NF/FCC)	532-32-1	500 GR
S/2440/60	Sodium benzoate, extra pure, SLR, meets the specification of BP + Ph. Eur.	532-32-1	1 KG
S/2440/53	Sodium benzoate, extra pure, SLR, meets the specification of BP + Ph. Eur.	532-32-1	500 GR
S637212	Sodium Bicarbonate (Crystalline Powder/USP/FCC/EP/BP/JP)	144-55-8	2.5 KG
S2333	Sodium Bicarbonate (Powder/Certified ACS)	144-55-8	3 KG
S233500	Sodium Bicarbonate (Powder/Certified ACS)	144-55-8	500 GR

Product Code	Product Description	CAS Number	Pack Size
S6313	Sodium Bicarbonate (Powder/USP/FCC)	144-55-8	3 KG
S6543	Sodium Bisulfite (Powder/Certified ACS)	7631-90-5	3 KG
S654500	Sodium Bisulfite (Powder/Certified ACS)	7631-90-5	500 GR
S2553	Sodium Bromide (Granular/Certified ACS)	7647-15-6	3 KG
S255500	Sodium Bromide (Granular/Certified ACS)	7647-15-6	500 GR
S2631	Sodium Carbonate Anhydrous (Powder/Certified ACS)	497-19-8	1 KG
S2633	Sodium Carbonate Anhydrous (Powder/Certified ACS)	497-19-8	3 KG
S263500	Sodium Carbonate Anhydrous (Powder/Certified ACS)	497-19-8	500 GR
S2623	Sodium Carbonate Monohydrate (Cryst./Certified ACS)	5968-11-6	3 KG
S641212	Sodium Chloride (colorless to white crystalline granules/USP/FCC/EP/BP)	7647-14-5	2.5 KG
S641500	Sodium Chloride (colorless to white crystalline granules/USP/FCC/EP/BP)	7647-14-5	500 GR
S642212	Sodium Chloride (colorless to white crystalline granules/USP/FCC/EP/BP/JP)	7647-14-5	2.5 KG
S642500	Sodium Chloride (colorless to white crystalline granules/USP/FCC/EP/BP/JP)	7647-14-5	500 GR
S2711	Sodium Chloride (Cryst./Certified ACS)	7647-14-5	1 KG
S2713	Sodium Chloride (Cryst./Certified ACS)	7647-14-5	3 KG
S271500	Sodium Chloride (Cryst./Certified ACS)	7647-14-5	500 GR
S6403	Sodium Chloride (Granular/USP/FCC)	7647-14-5	3 KG
S640500	Sodium Chloride (Granular/USP/FCC)	7647-14-5	500 GR
S/3160/53	Sodium chloride, 99.5+%, for analysis, AR, meets the specification of Ph. Eur.	7647-14-5	500 GR
S/3160/60	Sodium chloride, 99.5+%, for analysis, AR, meets the specification of Ph. Eur.	7647-14-5	1 KG
S/3160/63	Sodium chloride, 99.5+%, for analysis, AR, meets the specification of Ph. Eur.	7647-14-5	3 KG
S/3160/65	Sodium chloride, 99.5+%, for analysis, AR, meets the specification of Ph. Eur.	7647-14-5	5 KG
S4663	Sodium Citrate Dihydrate (Granular/USP/FCC)	6132-04-3	3 KG
S470212	Sodium Citrate Dihydrate (Granular/USP/FCC/EP/BP/JP)	6132-04-3	2.5 KG
S4673	Sodium Citrate Dihydrate (Powder/USP/FCC)	6132-04-3	3 KG
S/3320/60	tri-Sodium citrate dihydrate, for analysis, 99.5-100.5%, AR, meets the spec. of BP + Ph. Eur.		1 KG
S/3320/53	tri-Sodium citrate dihydrate, for analysis, 99.5-100.5%, AR, meets the spec. of BP + Ph. Eur.		500 GR
S/3320/65	tri-Sodium citrate dihydrate, for analysis, 99.5-100.5%, AR, meets the spec. of BP + Ph. Eur.		5 KG
S280100	Sodium Cobaltinitrite (Powder/Certified ACS)	13600-98-1	100 GR
S2583	Sodium Dichromate (Cryst./Certified ACS Plus)	7789-12-0	3 KG
S235500	Sodium Dichromate Dihydrate (Cryst./Certified ACS)	7789-12-0	500 GR
S287100	Sodium Diethyldithiocarbamate Trihydrate (Cryst./Certified ACS)	20624-25-3	100 GR
S299100	Sodium Fluoride (Powder/Certified ACS)	7681-49-4	100 GR
S2993	Sodium Fluoride (Powder/Certified ACS)	7681-49-4	3 KG
S299500	Sodium Fluoride (Powder/Certified ACS)	7681-49-4	500 GR
S648500	Sodium Formate (Cryst./Certified ACS)	141-53-7	500 GR
S/4240/60	Sodium hydrogen carbonate, for analysis, AR, meets the specification of Ph. Eur.		1 KG
S/4240/63	Sodium hydrogen carbonate, for analysis, AR, meets the specification of Ph. Eur.		3 KG
S/4240/53	Sodium hydrogen carbonate, for analysis, AR, meets the specification of Ph. Eur.		500 GR
S/4240/65	Sodium hydrogen carbonate, for analysis, AR, meets the specification of Ph. Eur.		5 KG
S/4520/60	Di-Sodium Hydrogen Orthophosphate Anhydrous, Certified AR for Analysis, meets analytical specification of Ph.Eur., BP		1 Kg
S/4520/53	Di-Sodium Hydrogen Orthophosphate Anhydrous, Certified AR for Analysis, meets analytical specification of Ph.Eur., BP		500 GM
S392212	Sodium Hydroxide (Granular/NF/FCC/EP/BP/JP)	1310-73-2	2.5 KG
S3991	Sodium Hydroxide (NF/EP/BP/FCC)	1310-73-2	1 KG
S399212	Sodium Hydroxide (NF/EP/BP/FCC)	1310-73-2	2.5 KG
S399500	Sodium Hydroxide (NF/EP/BP/FCC)	1310-73-2	500 GR
S3181	Sodium Hydroxide (Pellets/Certified ACS)	1310-73-2	1 KG
S318100	Sodium Hydroxide (Pellets/Certified ACS)	1310-73-2	100 GR
S3183	Sodium Hydroxide (Pellets/Certified ACS)	1310-73-2	3 KG
S318500	Sodium Hydroxide (Pellets/Certified ACS)	1310-73-2	500 GR

Product Code	Product Description	CAS Number	Pack Size
S3201	Sodium Hydroxide (Pellets/NF/FCC)	1310-73-2	1 KG
S3203	Sodium Hydroxide (Pellets/NF/FCC)	1310-73-2	3 KG
S320500	Sodium Hydroxide (Pellets/NF/FCC)	1310-73-2	500 GR
S/4920/60	Sodium hydroxide, 98+%, for analysis, pellets, AR, meets specification of BP + Ph. Eur.	1310-73-2	1 KG
S/4920/63	Sodium hydroxide, 98+%, for analysis, pellets, AR, meets specification of BP + Ph. Eur.	1310-73-2	3 KG
S/4920/53	Sodium hydroxide, 98+%, for analysis, pellets, AR, meets specification of BP + Ph. Eur.	1310-73-2	500 GR
S/4920/65	Sodium hydroxide, 98+%, for analysis, pellets, AR, meets specification of BP + Ph. Eur.	1310-73-2	5 KG
S473500	Sodium Iodide (Granular/USP)	7681-82-5	500 GR
S5293	Sodium Lauryl Sulfate (Powder/NF/FCC)	151-21-3	3 KG
S529500	Sodium Lauryl Sulfate (Powder/NF/FCC)	151-21-3	500 GR
S242212	Sodium Metabisulfite (Granular/NF/FCC)	7681-57-4	2.5 KG
S242500	Sodium Metabisulfite (Granular/NF/FCC)	7681-57-4	500 GR
S2443	Sodium Metabisulfite (Powder/Certified ACS)	7681-57-4	3 KG
S244500	Sodium Metabisulfite (Powder/Certified ACS)	7681-57-4	500 GR
S/5240/60	Sodium metabisulfite, extra pure, SLR, meets the specification of BP + Ph. Eur.	7681-57-4	1 KG
S/5240/62	Sodium metabisulfite, extra pure, SLR, meets the specification of BP + Ph. Eur.	7681-57-4	2.5 KG
S/5240/53	Sodium metabisulfite, extra pure, SLR, meets the specification of BP + Ph. Eur.	7681-57-4	500 GR
S398100	Sodium meta-Periodate (Cryst./Certified ACS)	7790-28-5	100 GR
S39850	Sodium meta-Periodate (Cryst./Certified ACS)	7790-28-5	50 GR
S3363	Sodium Molybdate Dihydrate (Cryst. Powder/Certified ACS)	10102-40-6	3 KG
S336500	Sodium Molybdate Dihydrate (Cryst. Powder/Certified ACS)	10102-40-6	500 GR
S3433	Sodium Nitrate (Cryst./Certified ACS)	7631-99-4	3 KG
S343500	Sodium Nitrate (Cryst./Certified ACS)	7631-99-4	500 GR
S347250	Sodium Nitrite (Cryst./Certified ACS)	7632-00-0	250 GR
S3473	Sodium Nitrite (Cryst./Certified ACS)	7632-00-0	3 KG
S347500	Sodium Nitrite (Cryst./Certified ACS)	7632-00-0	500 GR
S3383	Sodium Nitrite (Flakes/USP/FCC)	7632-00-0	3 KG
S350100	Sodium Nitroferricyanide Dihydrate (Cryst./Certified ACS)	13755-38-9	100 GR
S487500	Sodium Oxalate (Certified ACS)	62-76-0	500 GR
S363500	Sodium Peroxide (Certified ACS)	1313-60-6	500 GR
S3741	Sodium Phosphate Dibasic Anhydrous (Granular or Powder/Certified ACS)	7558-79-4	1 KG
S3743	Sodium Phosphate Dibasic Anhydrous (Granular or Powder/Certified ACS)	7558-79-4	3 KG
S374500	Sodium Phosphate Dibasic Anhydrous (Granular or Powder/Certified ACS)	7558-79-4	500 GR
S375212	Sodium Phosphate Dibasic Anhydrous (USP)	7558-79-4	2.5 KG
S375500	Sodium Phosphate Dibasic Anhydrous (USP)	7558-79-4	500 GR
S379212	Sodium Phosphate Dibasic Anhydrous (USP/FCC/EP)	7558-79-4	2.5 KG
S472212	Sodium Phosphate Dibasic Dihydrate (USP/FCC/EP/BP)	10028-24-7	2.5 KG
S472500	Sodium Phosphate Dibasic Dihydrate (USP/FCC/EP/BP)	10028-24-7	500 GR
S3733	Sodium Phosphate Dibasic Heptahydrate (Cryst./Certified ACS)	7782-85-6	3 KG
S373500	Sodium Phosphate Dibasic Heptahydrate (Cryst./Certified ACS)	7782-85-6	500 GR
S4713	Sodium Phosphate Dibasic Heptahydrate (Granular/USP)	7782-85-6	3 KG
S397500	Sodium Phosphate Monobasic Anhydrous (USP)	7558-80-7	500 GR
S468500	Sodium Phosphate Monobasic Monohydrate (Cryst. or Granular/USP/FCC)	10049-21-5	500 GR
S3691	Sodium Phosphate Monobasic Monohydrate (Cryst./Certified ACS)	10049-21-5	1 KG
S3693	Sodium Phosphate Monobasic Monohydrate (Cryst./Certified ACS)	10049-21-5	3 KG
S369500	Sodium Phosphate Monobasic Monohydrate (Cryst./Certified ACS)	10049-21-5	500 GR
S3773	Sodium Phosphate Tribasic Dodecahydrate (Cryst./Certified ACS)	10101-89-0	3 KG
S377500	Sodium Phosphate Tribasic Dodecahydrate (Cryst./Certified ACS)	10101-89-0	500 GR
S386212	Sodium Potassium Tartrate (Powder/USP)	6381-59-5	2.5 KG
S386500	Sodium Potassium Tartrate (Powder/USP)	6381-59-5	500 GR
S3873	Sodium Potassium Tartrate Tetrahydrate (Cryst./Certified ACS)	6381-59-5	3 KG

Product Code	Product Description	CAS Number	Pack Size
S387500	Sodium Potassium Tartrate Tetrahydrate (Cryst./Certified ACS)	6381-59-5	500 GR
S3903	Sodium Pyrophosphate Decahydrate (Cryst./Certified ACS)	13472-36-1	3 KG
S390500	Sodium Pyrophosphate Decahydrate (Cryst./Certified ACS)	13472-36-1	500 GR
S396212	Sodium Salicylate (Small Crystals, Free Flowing/USP)	54-21-7	2.5 KG
S396500	Sodium Salicylate (Small Crystals, Free Flowing/USP)	54-21-7	500 GR
S4151	Sodium Sulfate Anhydrous (Granular, 10-60 Mesh/Certified ACS)	7757-82-6	1 KG
S415212	Sodium Sulfate Anhydrous (Granular, 10-60 Mesh/Certified ACS)	7757-82-6	2.5 KG
S415500	Sodium Sulfate Anhydrous (Granular, 10-60 Mesh/Certified ACS)	7757-82-6	500 GR
S4211	Sodium Sulfate Anhydrous (Granular/Certified ACS)	7757-82-6	1 KG
S4213	Sodium Sulfate Anhydrous (Granular/Certified ACS)	7757-82-6	3 KG
S421500	Sodium Sulfate Anhydrous (Granular/Certified ACS)	7757-82-6	500 GR
S429212	Sodium Sulfate Anhydrous (Powder/USP/FCC)	7757-82-6	2.5 KG
S429500	Sodium Sulfate Anhydrous (Powder/USP/FCC)	7757-82-6	500 GR
S4303	Sodium Sulfite Anhydrous (Cryst./Certified ACS)	7757-83-7	3 KG
S430500	Sodium Sulfite Anhydrous (Cryst./Certified ACS)	7757-83-7	500 GR
S2483	Sodium Tetraborate Decahydrate (Cryst./Certified ACS)	1303-96-4	3 KG
S248500	Sodium Tetraborate Decahydrate (Cryst./Certified ACS)	1303-96-4	500 GR
S246212	Sodium Tetraborate Decahydrate (Powder or Granular/NF)	1303-96-4	2.5 KG
S246500	Sodium Tetraborate Decahydrate (Powder or Granular/NF)	1303-96-4	500 GR
S441500	Sodium Thiocyanate (Cryst./Certified ACS)	540-72-7	500 GR
S4743	Sodium Thiosulfate (Cryst./USP/FCC)	10102-17-7	3 KG
S474500	Sodium Thiosulfate (Cryst./USP/FCC)	10102-17-7	500 GR
S4453	Sodium Thiosulfate Pentahydrate (Cryst./Certified ACS)	10102-17-7	3 KG
S445500	Sodium Thiosulfate Pentahydrate (Cryst./Certified ACS)	10102-17-7	500 GR
S475212	Sodium Thiosulfate Pentahydrate (Crystalline/USP/FCC/EP/BP)	10102-17-7	2.5 KG
S/7400/63	Sorbitol, 97-100.5%, extra pure, SLR, meets the specification of BP + Ph. Eur.		3 KG
S/7400/53	Sorbitol, 97-100.5%, extra pure, SLR, meets the specification of BP + Ph. Eur.		500 GR
T142100	Stannous Chloride Dihydrate (Cryst./Certified ACS)	10025-69-1	100 GR
T1423	Stannous Chloride Dihydrate (Cryst./Certified ACS)	10025-69-1	3 KG
T142500	Stannous Chloride Dihydrate (Cryst./Certified ACS)	10025-69-1	500 GR
S516100	Starch, Soluble (Powder/Certified ACS)	9005-84-9	100 GR
S516500	Starch, Soluble (Powder/Certified ACS)	9005-84-9	500 GR
S541500	Strontium Chloride Hexahydrate (Cryst./Certified ACS)	10025-70-4	500 GR
S549100	Strontium Nitrate Anhydrous (Cryst./Certified ACS)	10042-76-9	100 GR
S549500	Strontium Nitrate Anhydrous (Cryst./Certified ACS)	10042-76-9	500 GR
S53	Sucrose (Cryst./Certified ACS)	57-50-1	3 KG
S5500	Sucrose (Cryst./Certified ACS)	57-50-1	500 GR
S3212	Sucrose (Cryst./NF)	57-50-1	2.5 KG
S3500	Sucrose (Cryst./NF)	57-50-1	500 GR
S6212	Sucrose (Crystalline/NF/EP/BP/JP)	57-50-1	2.5 KG
S6500	Sucrose (Crystalline/NF/EP/BP/JP)	57-50-1	500 GR
S212	Sucrose (EP/BP/NF)	57-50-1	2.5 KG
S2212	Sucrose (EP/BP/NF)	57-50-1	2.5 KG
S2500GM	Sucrose (EP/BP/NF)	57-50-1	500 GR
S/8600/60	Sucrose, for analysis, AR, meets the specification of BP + Ph. Eur.	57-50-1	1 KG
S/8600/63	Sucrose, for analysis, AR, meets the specification of BP + Ph. Eur.	57-50-1	3 KG
S/8600/53	Sucrose, for analysis, AR, meets the specification of BP + Ph. Eur.	57-50-1	500 GR
S/8600/65	Sucrose, for analysis, AR, meets the specification of BP + Ph. Eur.	57-50-1	5 KG
A296500	Sulfanilic Acid Anhydrous (Cryst./Certified ACS)	121-57-3	500 GR
A297100	5-Sulfosalicylic Acid Dihydrate (Cryst./Certified ACS)	5965-83-3	100 GR
A2973	5-Sulfosalicylic Acid Dihydrate (Cryst./Certified ACS)	5965-83-3	3 KG
A297500	5-Sulfosalicylic Acid Dihydrate (Cryst./Certified ACS)	5965-83-3	500 GR

Product Code	Product Description	CAS Number	Pack Size
A300212	Sulfuric Acid (Certified ACS Plus)	7664-93-9	2.5 LT
A300500	Sulfuric Acid (Certified ACS Plus)	7664-93-9	500 ML
A300S500	Sulfuric Acid (Certified ACS Plus)	7664-93-9	500 ML
A300SI212	Sulfuric Acid (Certified ACS Plus)	7664-93-9	2.5 LT
A484212	Sulfuric Acid (NF/FCC)	7664-93-9	2.5 LT
A3071	Sulfurous Acid (Certified ACS)	7782-99-2	1 LT
T2212	Talc (Powder/USP)	14807-96-6	2.5 KG
T2500	Talc (Powder/USP)	14807-96-6	500 GR
A313500	L-(+)-Tartaric Acid (Fine Granular/NF/FCC)	87-69-4	500 GR
A3143	L-(+)-Tartaric Acid (Granular/Certified ACS)	87-69-4	3 KG
A314500	L-(+)-Tartaric Acid (Granular/Certified ACS)	87-69-4	500 GR
A315500	L-(+)-Tartaric Acid (Powder/Certified ACS)	87-69-4	500 GR
T/0250/60	(+)-Tartaric acid, for analysis, AR, meets the specification of Ph. Eur.		1 KG
T/0250/53	(+)-Tartaric acid, for analysis, AR, meets the specification of Ph. Eur.		500 GR
O610925	Tetrabutylammonium Iodide (White Crystals/Certified)	311-28-4	25 GR
G541	Tetrachloroauric Acid Trihydrate (Cryst./Certified ACS)	16961-25-4	1 GR
G545	Tetrachloroauric Acid Trihydrate (Cryst./Certified ACS)	16961-25-4	5 GR
T40225	Thenoyltrifluoroacetone (Cryst./Certified)	326-91-0	25 GR
O4700100	Thiamine Hydrochloride (USP/FCC)	67-03-8	100 GR
T4165	Thymol Blue (Certified ACS)	76-61-9	5 GR
T127500	Tin (Granular, 20 Mesh/Certified ACS)	7440-31-5	500 GR
T320100	o-Tolidine Dihydrochloride (Certified ACS)	612-82-8	100 GR
T3241	Toluene (Certified ACS)	108-88-3	1 LT
T324500	Toluene (Certified ACS)	108-88-3	500 ML
A322100	Trichloroacetic Acid (Cryst./Certified ACS)	76-03-9	100 GR
A3223	Trichloroacetic Acid (Cryst./Certified ACS)	76-03-9	3 KG
A322500	Trichloroacetic Acid (Cryst./Certified ACS)	76-03-9	500 GR
T350500	Triethanolamine (NF)	102-71-6	500 ML
T393500	Tris (Trimethamine) (Granular/USP)	77-86-1	500 GR
T393212	Tris (Tromethamine) (Granular/USP)	77-86-1	2.5 KG
T3951	Tris(hydroxymethyl)aminomethane (Cryst./Certified ACS)	77-86-1	1 KG
T395100	Tris(hydroxymethyl)aminomethane (Cryst./Certified ACS)	77-86-1	100 GR
T395500	Tris(hydroxymethyl)aminomethane (Cryst./Certified ACS)	77-86-1	500 GR
V10100	Vanillin (Cryst./NF)	121-33-5	100 GR
X51	Xylenes (Certified ACS)	1330-20-7	1 LT
X5500	Xylenes (Certified ACS)	1330-20-7	500 ML
Z153	Zinc (Granular, 20 Mesh/Certified ACS)	7440-66-6	3 KG
Z15500	Zinc (Granular, 20 Mesh/Certified ACS)	7440-66-6	500 GR
Z16500	Zinc (Granular, 30 Mesh/Certified ACS)	7440-66-6	500 GR
Z11500	Zinc (Mossy/Certified ACS)	7440-66-6	500 GR
Z12500	Zinc (Shot/Certified ACS)	7440-66-6	500 GR
Z33100	Zinc Chloride (Cryst./Certified ACS)	7646-85-7	100 GR
Z333	Zinc Chloride (Cryst./Certified ACS)	7646-85-7	3 KG
Z33500	Zinc Chloride (Cryst./Certified ACS)	7646-85-7	500 GR
Z45500	Zinc Nitrate Hexahydrate (Cryst./Certified ACS)	10196-18-6	500 GR
Z52500	Zinc Oxide (Powder/Certified ACS)	1314-13-2	500 GR
Z/1300/60	Zinc oxide, 99+%, extra pure, SLR, meets the specification of BP + Ph. Eur.	1314-13-2	1 KG
Z/1300/53	Zinc oxide, 99+%, extra pure, SLR, meets the specification of BP + Ph. Eur.	1314-13-2	500 GR
Z784500	Zinc Stearate (Powder/USP)	557-05-1	500 GR
Z683	Zinc Sulfate Heptahydrate (Cryst./Certified ACS)	7446-20-0	3 KG
Z68500	Zinc Sulfate Heptahydrate (Cryst./Certified ACS)	7446-20-0	500 GR
Z763	Zinc Sulfate Heptahydrate (USP/FCC)	7446-20-0	3 KG
Z76500	Zinc Sulfate Heptahydrate (USP/FCC)	7446-20-0	500 GR

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalogue Number:	A/0400/PB17	Quality Test / Release Date:	15-JAN-19
Lot Number:	1988190	Expiry Phrase:	Use within 3 years of packing date

Description:	Acetic acid glacial		
Grade:	AR	Application:	For analysis

Appearance:	Clear colourless Mobile liquid
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Result Name	Test Value	Units	Specification
Acetic anhydride	None Detected	%	<= 0.2
Aluminium (Al)	<0.01	ppm	<= 0.01
Arsenic (As)	<0.01	ppm	<= 0.01
Assay	99.8	%	>= 99.7 and <= 100.5
Barium (Ba)	<0.005	ppm	<= 0.01
Cadmium (Cd)	<0.005	ppm	<= 0.01
Calcium (Ca)	<0.05	ppm	<= 1
Chromium (Cr)	<0.005	ppm	<= 0.2
Cobalt (Co)	<0.005	ppm	<= 0.01
Colour	<10	APHA	<= 10
Copper (Cu)	<0.02	ppm	<= 0.02
Formic acid (H.COOH)	<0.05	%	<= 0.05
Freezing Point	16.4	Degrees C	>= 16.1
Heavy metals	<0.5	ppm	<= 5
Iron (Fe)	<0.1	ppm	<= 0.2
Lead (Pb)	<0.01	ppm	<= 0.01
Lithium (Li)	<0.005	ppm	<= 0.01
Magnesium (Mg)	<0.02	ppm	<= 0.05
Manganese (Mn)	<0.005	ppm	<= 0.01
Mercury (Hg)	<0.01	ppm	<= 0.02
Molybdenum (Mo)	<0.005	ppm	<= 0.01
Nickel (Ni)	<0.005	ppm	<= 0.1
Oxygen absorbed (Pass/Fail)	Pass		Must be 'Pass'
Potassium (K)	<0.05	ppm	<= 0.5
Residual solvents (Pass/Fail)	Pass		Must be 'Pass'
Residue after evaporation (ppm)	<5	ppm	<= 5
Silver (Ag)	<0.005	ppm	<= 0.05
Sodium (Na)	<0.2	ppm	<= 1
Strontium (Sr)	<0.005	ppm	<= 0.01
Tin (Sn)	<0.01	ppm	<= 0.01
Titanium (Ti)	<0.005	ppm	<= 0.01
Total chloride (Cl)	<0.0001	%	<= 0.0001
Total nitrogen (N)	<2	ppm	<= 2
Total phosphorus (P)	<1	ppm	<= 1
Total silicon (Si)	<0.1	ppm	>= 0
Total sulfur (S)	<0.3	ppm	<= 1
Vanadium (V)	<0.005	ppm	<= 0.01
Water	0.06	%	<= 0.2
Zinc (Zn)	<0.05	ppm	<= 0.05

Additional Information:	Meets the current analytical specification of BP and Ph. Eur.
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Paula Faulkes

Mrs Paula Faulkes
Quality Assurance Manager.

Thursday 09th of May 2019

Chemical Storage/Handling Recommendations

Chemical Incompatibility

Chemicals should react in the lab, not in the stockroom. The inadvertent mixing of inventory can produce toxic vapor/gas, fire or explosion. Stay safe in the storeroom; adhere to the following prescribed precautions and consult the chemical compatibility tables (below) for caustic combinations. For product specific information, refer to the Material Safety Data Sheet (MSDS) provided with purchase.

General Guidelines

- Protect eyes and skin: lab safety glasses with side shields, lab coats and closed-toe shoes must be worn for basic personal protection
- Safely space shelves and racks to accommodate the upright removal of the largest chemical container; prevent tipping and dripping with adequate clearance
- Identify and substitute safer chemical alternatives
- Keep hazardous materials away from heat and direct sunlight to prevent the degradation of chemicals and deterioration of storage containers and labels
- Do not store hazardous materials (except cleaners) under sinks
- Avoid chemical stockpiling; procure hazardous materials as needed
- Limit fume hood storage of hazardous materials
- Conduct periodic cleanouts to minimize accumulation of chemicals
- Keep all food (including gum), beverages, tobacco and open cosmetics outside the work area

Acids and Bases

Isolate acids:

- From reactive metals, including sodium, potassium and magnesium
- From sodium cyanide, iron sulfide, calcium carbide and other compounds that can react to produce toxic fumes/gases
- Place combustible organic carboxylic acids (i.e., acetic acid) in a flammable storage locker; store inorganic acids in acid storage cabinets
- Store acids and bases in air-tight containers with snug-fitting caps; avoid loose lids or glass stoppers; use vented caps when necessary to prevent over-pressurization
- Keep piranha etch and aqua regia in a fume hood at all times
- Use non-aluminum drip trays for aqueous sodium and potassium hydroxide solutions; isolate nitric acid when utilizing secondary containment
- Safely transfer containers of acid and base solutions using bottle carriers
- Never pour water into acid; slowly add the acid to the water and stir



Flammable and Combustible Liquids

- The main legislation for storing flammable liquids in Fire Resistant Cabinets in Europe is EN14470 Part 1. There are additional local country standards that exist which you should also be aware of
- The safe storage and handling of chemicals is essential in any volume, but generally you should consider whether the risk of the spread of fire is mitigated by using suitable fire resistant cabinets
- Anyone storing or planning to store highly flammable and/ or flammable liquids should pay particular attention to their local legislation



	Acids, Inorganic	Acids, Oxidizing	Acids, Organic	Alkalis (Bases)	Oxidizers	Poisons, Inorganic	Poisons, Organic	Water-Reactives	Organic Solvents
Acids, inorganic			X	X		X	X	X	X
Acids, oxidizing			X	X		X	X	X	X
Acids, organic	X	X		X	X	X	X	X	
Alkalis (bases)	X	X	X				X	X	X
Oxidizers			X				X	X	X
Poisons, inorganic	X	X	X				X	X	X
Poisons, organic	X	X	X	X	X	X			
Water-reactives	X	X	X	X	X	X			
Organic solvents	X	X		X	X	X			

X indicates incompatibility between two chemical product groups. Incompatible products should not be stored in close proximity.

Find out more at www.thermofisher.com/chemicals

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