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Terms and Conditions

Terms and Conditions

This document sets forth the Terms and Conditions of Sale for goods manufactured and/or supplied, and services provided by Aqua Solutions, Inc. of Deer Park, Texas and sold to the original purchaser thereof ("Buyer"). Unless otherwise specifically stated in a previously executed written purchase agreement signed by authorized representatives of Aqua Solutions, Inc. and Buyer, these terms and conditions establish the rights, obligations and remedies of Aqua Solutions, Inc. and Buyer, which apply to this offer and any resulting order or contract for the sale of Aqua Solutions, Inc.'s goods and/or services ("Products").

Prices

Aqua Solutions, Inc. reserves the right to change prices without advance notice. Price changes will be provided as they occur. Whenever possible, Aqua Solutions, Inc. will give advance notice of expected price changes. To avoid order delays, Aqua Solutions, Inc. will bill the prevailing price at time of shipment. All prices are F.O.B. Deer Park, Texas 77536.

Ordering and Payments

Orders can be transmitted via phone, fax, e-mail (orders@aquasolutions.org), or website (www.aquasolutions.org). Payments can be made by ACH, check, cash, or all major credit cards. Customers can also provide credit references to request to set up a Net 30 payment terms account.

Shipping

Every attempt will be made to provide economical, dependable carriers for all shipments. If provided and possible, we will adhere to your shipping specifications or routing guide. We reserve the right to determine the best transportation available for the size and nature of the order. Special packing charges will be added as required. Fuel surcharges may apply. Most routine orders are shipped within 72 hours.

Packaging and Labeling

The package types and sizes listed in this catalog are deemed most suitable for their particular use. Prices for sizes and types not listed will be quoted upon request. All Aqua Solutions, Inc.'s products are labeled with applicable warnings and hazards. For additional information please consult the SDS. Products used beyond expiration dates are solely the responsibility of the user. All products are intended for LABORATORY USE ONLY and Aqua Solutions, Inc. is not responsible for the misuse of any of the products it provides.

Inspection

Buyer will promptly inspect and accept any Products delivered pursuant to this Contract after receipt of such Products. In the event the Products do not conform to any applicable specifications, Buyer will promptly notify Aqua Solutions, Inc. of such nonconformance in writing. Aqua Solutions, Inc. will have reasonable opportunity to repair or replace the nonconforming product at its option. Buyer will be deemed to have accepted any Products delivered hereunder and to have waived any such nonconformance in the event such a written notification is not received by Aqua Solutions, Inc. within thirty (30) days of delivery.

Cancellation

Buyer may cancel product orders subject to fair charges for Aqua Solutions, Inc. expenses including handling, inspection, restocking, freight and invoicing charges as applicable. Buyer must follow Aqua Solutions, Inc.'s return of material instructions when returning goods to Aqua Solutions, Inc. All items cancelled and returned will be at Buyers expense and must be within thirty (30) days of delivery, in the same condition received.

Return of Material/ Limited Warranty

Please request authorization before returning any items to Aqua Solutions, Inc. All requests must include Name, Catalog Number, Date of Receipt, Lot Number, and reason for return. You will be given an RGA (return goods agreement) which must be included with a return shipment. Material which has been custom manufactured or has limited shelf-life is not returnable. We will provide prompt advice about credit allowances, restocking charges and shipping instructions. Aqua Solutions, Inc. warrants that Products sold hereunder will be free from defects in material and workmanship and will, conform to any express written warranty pertaining to the specific goods purchased. Warranties do not cover damage due to external causes, such as accident, abuse and misuse of product. The sole remedy for products not meeting this Limited Warranty is replacement, credit or refund of the purchase price. This remedy will not be deemed to have failed of its essential purpose so long as Aqua Solutions, Inc. is willing to provide such replacement, credit or refund.

Safety Data Sheets

As required by law, Safety Data Sheets are available for any chemicals sold. In cases of emergency contact CHEMTREC at 1-800-424-9300, where emergency information on Aqua Solutions, Inc.'s products is available. Safety Data Sheets are available from our website at www.aquasolutions.org.

Manufacturing Specifications and Quality

Aqua Solutions, Inc. is ISO 9001:2015 certified and ISO/IEC 17025:2017 accredited certified. Our products are manufactured under rigid quality control, and are quality assured. These products are guaranteed to equal or exceed specifications as labeled and be suitable for their intended use. All aqueous based solutions are manufactured with high purity deionized water. All of our reference buffers, and many of our acids, bases and other titrants are certified traceable to Standard Reference Materials from the National Institute of Standards and Technology (NIST). When suitable NIST material is not available, titrants may be certified using high purity primary standards or secondary standards. Our labels clearly indicate when a product is NIST traceable and certificates of analysis specify which Standard Reference Material the titrant is traceable to. Titrants are typically standardized at 20 degrees Celsius and the temperature of standardization is included on the label. Certificates of analysis are available on all products. Copies of our ISO certificates and sample labels can be found on our website (www.aquasolutions.org).

Custom Manufacturing

Aqua Solutions, Inc. will be pleased to manufacture solutions in concentrations or strengths which are not listed in this catalog. We will also manufacture solutions or supply chemicals to your specifications. Please inquire for price and availability of specialty items.

Explanation of Expiration Dates and Product Stability

The expiration date provided on the product label is based on our experience with similar products, stability, studies, published data, or in the case of custom products may be established by the end-user. Our products are suitable for use until the expiration date if stored under the following conditions:

- Original, unopened container with seal intact.
- Product stored at controlled room temperature (60° - 90°F, 15.5° - 32°C). Note some products indicate to refrigerate (store between 36° - 46°F, 2° - 8°C).

Opened Containers: Once the container is open, the shelf life depends on storage and handling by the end-user. Because of variability in handling and storage practices we cannot certify the expiration date for opened containers. The end-user can maximize the shelf life of opened containers by taking the following precautions:

- Once material is removed from the bottle, do not return unused product back to bottle.
- Keep open container in an area free from fumes.
- Always recap bottle immediately after use.
- Store opened bottles at recommended temperatures (60°- 90°F, 15.5° - 32°C for room temperature or between 36° - 46°F, 2° - 8°C for refrigerated products).
- Do not pipet directly from bottle.

Expiration Verification: Aqua Solutions, Inc. has an expiration data verification procedure (method QCSP 52) that is employed to confirm the expiration on many product lines. Products involved in this process, are manufactured, tested and stored under the same conditions as product sold to our customers.

Custom Products: The customer has the right to establish the expiration for custom blends using our Customer Product Quality Requirement Form (CPQR). When the CQPR form is used, the customer accepts responsibility to set the shelf life for specialty products.

Frozen Product Policy

Customers should take weather and time of year into consideration when ordering freezable products. Aqua Solutions, Inc. cannot be responsible for frozen products. Please review when ordering as non-hazardous materials may ship by air. Aqua Solutions, Inc. does not ship hazardous material by air.

Force Majeure

Aqua Solutions, Inc. is excused from performance of its obligations under this Contract to the extent caused by acts or omissions that are beyond its control of, including but not limited to acts of any government; fires, floods, severe weather conditions, or any other acts of God; quarantines; labor strikes or lockouts; riots; strife; insurrections; civil disobedience or acts of criminals or terrorists; war; material shortages or delays in deliveries to Aqua Solutions, Inc. by third parties.

Limitation of Liability

None of the Aqua Solutions, Inc. Indemnified Parties will be liable to any Buyer Indemnified Parties under any circumstances for any special, treble, incidental or consequential damages, including without limitation, damage to or loss of property other than for the product purchased hereunder; repair or replacement; lost profits, revenue or opportunity; loss of use; losses resulting from or related to downtime of the products or inaccurate measurements or reporting; the cost of substitute products; or claims of any Buyer Indemnified Parties' customers for such damages, howsoever caused, and whether based on warranty, contract, and/or tort (including negligence, strict liability or otherwise). The total liability of the Aqua Solutions, Inc. Indemnified Parties arising out of the performance or nonperformance hereunder or the manufacture, sale, delivery, and/or use of Products will in no circumstance exceed in the aggregate a sum equal to the amount actually paid to Aqua Solutions, Inc. for Products delivered hereunder.

Non-Disclosure of Information

Customer data is confidential and proprietary information to customer. Aqua Solutions, Inc. acknowledges that it will have access to customer data in the course of providing the services and agrees to hold customer data in confidence and not to release or give access to customer data to any third party. Aqua Solutions, Inc. further agrees not to make use of data for its own benefit or for the benefit of any third parties, other than for the performance of this agreement. Notwithstanding the foregoing, Aqua Solutions, Inc. may retain customer data for the purpose of analysis and research and to aggregate it with that of other Aqua Solutions, Inc.'s customers for statistical analysis, trends or other industry-related purposes so long as such use does not result in identification of a customer.

Acetate Buffer pH 3.50 ± 0.02 Solution

Item No.	Pkg Type	Case
SPE779 (500 ML)	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, II

Acetate Buffer pH 4.0 APHA for Chlorine

Item No.	Pkg Type	Case
0020-500ML	Clear Plastic	
0020-1L	Clear Plastic	
0020-4L	Clear Plastic	4
0020-10L	Cubitainer®	
0020-20L	Cubitainer®	



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Acetic Acid, Glacial), 8, III

Acetate Buffer pH 4.2 - 4.6 APHA For Iron Analysis

Item No.	Pkg Type	Case
0420-500ML	Clear Plastic	
0420-1L	Clear Plastic	
0420-4L	Clear Plastic	



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Acetic Acid, Glacial), 8, II

Acetate Buffer pH 4.5 APHA for Cyanide

Item No.	Pkg Type	Case
0022-500ML	Clear Plastic	
0022-1L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Acetic Acid, Glacial), 8, II

Acetate Buffer pH 5.5 APHA for Arsenic

Item No.	Pkg Type	Case
0023-500ML	Clear Plastic	

DOT: Not Regulated

Acetate Buffer, pH 4.6 - 4.7 APHA for Bromide

Item No.	Pkg Type	Case
0027-1L	Clear Plastic	



DOT: Not Regulated

Acetate Buffer APHA for Iron See Ammonium Acetate Buffer

Acetate Buffer Solution pH 5.5-6.0 Aqueous Solution

Item No.	Pkg Type	Case
0025-1L	Clear Plastic	6



DOT: Not Regulated

Acetic Acid Glacial Reagent ACS Grade

CH ₃ COOH	F.W. 60.05	CAS# 64-19-7
Item No.	Pkg Type	Case
A1100-500ML	Amber Glass	6
A1100-1L	Amber Glass	6
A1100-1LP	Clear Plastic	6
A1100-2.5L	Flint Glass	6
A1100-4L	Clear Plastic	4
A1100-10L	Clear Plastic	
A1100-20L	Clear Plastic	
A1100-200L	Poly Drum	



DOT: UN 2789 Acetic acid, glacial, 8(3), II

Specifications

Assay	≥ 99.7%
Dilution test	To pass test
Residue after evaporation	≤ 0.001%
Chloride(Cl)	≤ 1 ppm
Acetic Anhydride (CH ₃ CO) ₂ O	≤ 0.01%
Sulfate(SO ₄)	≤ 1 ppm
Heavy metals(as Pb)	≤ 0.5 ppm
Iron(Fe)	≤ 0.2 ppm
Substances reducing dichromate	To pass test
Substances reducing permanganate	To pass test
Titratable base	≤ 0.0004 meq/g
Color(APHA)	≤ 10

Acetic Acid, Glacial HPLC Grade

CH ₃ COOH	F.W. 60.05	CAS# 64-19-7
Item No.	Pkg Type	Case

A1101-2.5L Clear Glass



DOT: UN 2789 Acetic acid, glacial, 8(3), II

Acetic Acid Glacial 99.5%

CH ₃ COOH	F.W. 60.05	CAS# 64-19-7
Item No.	Pkg Type	Case
A1104-500ML	Amber Glass	6
A1104-4L	Clear Plastic	4
A1104-20L	Clear Plastic	



DOT: UN 2789 Acetic acid, glacial, 8(3), II

Acetic Acid 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
0042-500ML	Clear Plastic	6
0042-1L	Clear Plastic	6

DOT: Not Regulated

Acetic Acid 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
A1126-1L	Clear Plastic	6
A1126-4L	Clear Plastic	4
A1126-20L	Cubitainer®	



DOT: Not Regulated



Acetic Acid 1.0 Normal NIST Traceable Solution

Normality = 0.9991 - 1.0009 @20°C

Item No.	Pkg Type	Case
0040-500ML	Clear Plastic	6
0040-1L	Clear Plastic	6
0040-4L	Clear Plastic	4
0040-20L	Cubitainer®	



DOT: Not Regulated

Acetic Acid 2.0 Normal NIST Traceable Solution

Normality = 1.9990 - 2.0010 @20°C

Item No.	Pkg Type	Case
0045-1L	Clear Plastic	6
0045-4L	Clear Plastic	4



DOT: UN 2790 Acetic acid solution, 8, III

Acetic Acid 6.0 Molar NIST Traceable Solution

Molarity = 5.970 - 6.030 @20°C

Item No.	Pkg Type	Case
0048-1L	Clear Plastic	6



DOT: UN 2790 Acetic acid solution, 8, II

Acetic Acid 1% v/v Aqueous Solution

Item No.	Pkg Type	Case
0038-500ML	Clear Plastic	6
0038-1L	Clear Plastic	6
0038-4L	Clear Plastic	4
0038-4LC	Cubitainer®	4
0038-200L	Poly Drum	



DOT: Not Regulated

Acetic Acid 1.25% w/w NIST Traceable Solution

Assay = 1.245 - 1.255% w/w

Item No.	Pkg Type	Case
SPE980 (20 L)	Cubitainer®	



DOT: Not Regulated

Acetic Acid 2% v/v Aqueous Solution

Item No.	Pkg Type	Case
0039-500ML	Clear Plastic	6
0039-1L	Clear Plastic	6
0039-4L	Clear Plastic	4
0039-10L	Cubitainer®	
0039-20L	Cubitainer®	



DOT: Not Regulated

Acetic Acid 3% v/v Aqueous Solution

Item No.	Pkg Type	Case
0046-500ML	Clear Plastic	6
0046-1L	Clear Plastic	6



DOT: Not Regulated

Acetic Acid 4% v/v Aqueous Solution

Item No.	Pkg Type	Case
0047-500ML	Clear Plastic	6
0047-1L	Clear Plastic	6
0047-4L	Clear Plastic	
0047-10L	Cubitainer®	



DOT: Not Regulated

Acetic Acid 5% v/v Solution (Prepared to ASTM D4045)

Item No.	Pkg Type	Case
0050-500ML	Clear Plastic	6
0050-1L	Clear Plastic	6
0050-4L	Clear Plastic	4
0050-10L	Cubitainer®	
0050-20L	Cubitainer®	
0050-200L	Poly Drum	



DOT: Not Regulated

Acetic Acid 6% v/v Aqueous Solution

Item No.	Pkg Type	Case
0037-1L	Clear Plastic	6
0037-4L	Clear Plastic	4
0037-20L	Cubitainer®	



DOT: Not Regulated

Acetic Acid 10% v/v Aqueous Solution

Item No.	Pkg Type	Case
0049-500ML	Clear Plastic	
0049-1L	Clear Plastic	6
0049-4L	Clear Plastic	4
0049-4LC	Cubitainer®	4
0049-10LHP	Clear Plastic	
0049-20L	Cubitainer®	



DOT: UN 2790 Acetic acid solution, 8, III

Acetic Acid 15% v/v Aqueous Solution

Item No.	Pkg Type	Case
0055-4L	Clear Plastic	4



DOT: UN 2790 Acetic acid solution, 8, III

Acetic Acid 20% v/v Aqueous Solution

Item No.	Pkg Type	Case
0057-4L	Clear Plastic	4
0057-20L	Cubitainer®	



DOT: UN 2790 Acetic acid solution, 8, III

Acetic Acid 25% v/v Aqueous Solution

Item No.	Pkg Type	Case
0058-4L	Clear Plastic	4
0058-20L	Cubitainer®	



DOT: UN 2790 Acetic acid solution, 8, III

Acetic Acid 30% v/v Aqueous Solution

Item No.	Pkg Type	Case
0052-500ML	Clear Plastic	
0052-4L	Clear Plastic	
0052-20L	Cubitainer®	



DOT: UN 2790 Acetic acid solution, 8, III

Acetic Acid 36% w/w Aqueous Solution

Item No.	Pkg Type	Case
A1149-500ML	Clear Plastic	6
A1149-2.5L(PVC)	Coated Glass	4



DOT: UN 2790 Acetic acid solution, 8, II

Acetic Acid 50% v/v Aqueous Solution (1:1)

Item No.	Pkg Type	Case
0053-500ML	Clear Plastic	
0053-1L	Clear Plastic	6
0053-4L	Clear Plastic	4
0053-4LC	Cubitainer®	4
0053-20L	Cubitainer®	



DOT: UN 2790 Acetic acid solution, 8, II

Acetic Acid 70% v/v Aqueous Solution

Item No.	Pkg Type	Case
0054-1L	Clear Plastic	6
0054-10L	Cubitainer®	
0054-20L	Cubitainer®	



DOT: UN 2790 Acetic acid solution, 8, II

Acetic Acid 80% w/w Solution

Item No.	Pkg Type	Case
0061-1L	Amber Glass	6



DOT: UN 2790 Acetic acid solution, 8, II

Acetic Acid / Chloroform 60/40 v/v Solution

Item No.	Pkg Type	Case
0065-4L	Amber Glass	4



DOT: UN 2922 Corrosive liquids, toxic, n.o.s. (Acetic Acid, Glacial, Chloroform), 8(6.1), II

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Acetic Anhydride Reagent ACS

(CH ₃ CO) ₂ O	F.W. 102.09	CAS# 108-24-7
Item No.	Pkg Type	Case
A1325-500ML	Amber Glass	6
A1325-1L	Amber Glass	6
A1325-4L	Amber Glass	4



DOT: UN 1715 Acetic anhydride, 8(3), II

Specifications

Assay	≥ 97.0% (CH ₃ CO) ₂ O
Chloride (Cl)	≤ 5 ppm
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 5 ppm
Heavy metals (as Pb)	≤ 2 ppm
Iron (Fe)	≤ 5 ppm
Substances reducing permanganate	Passes Test
Residue after evaporation	≤ 0.003%

Aceto-Carmine Stain (Schneider)

Item No.	Pkg Type	Case
A1343-25ML	Amber Glass	
A1343-100ML	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Acetic Acid, Glacial), 8, II

Aceto-Orcein Staining Solution 2%

Item No.	Pkg Type	Case
A1585-25ML	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Acetic Acid, Glacial), 8, II

Acetone Reagent ACS Grade

CH ₃ COCH ₃	F.W. 58.08	CAS# 67-64-1
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Item No.	Pkg Type	Case
A1494-500ML	Amber Glass	6
A1494-1L	Amber Glass	6
A1494-1LPVC	Coated Glass	
A1494-4L	Amber Glass	4
A1494-4LP	Clear Plastic	4
A1494-10LHP	Clear Plastic	
A1494-20L	Metal Can	
A1494-20LHP	Clear Plastic	
A1494-200L	Metal Drum	



DOT: UN 1090 Acetone, 3, II

Specifications

Assay	≥ 99.5%
Residue after evaporation	≤ 0.001%
Solubility in water	To pass test
Titratable acid	≤ 0.0003 meq/g
Titratable base	≤ 0.0006 meq/g
Aldehyde(as HCOH)	≤ 0.002%
Isopropyl alcohol	≤ 0.05%
Methanol	≤ 0.05%
Substances reducing permanganate	To pass test
Water	≤ 0.5%
Color(APHA)	≤ 10



Acetone Electronic Grade

CH₃COCH₃ F.W. 58.08 CAS# 67-64-1

Item No.	Pkg Type	Case
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SPE742 (4 L) Amber Glass



DOT: UN 1090 Acetone, 3, II

Acetone HPLC Grade

CH₃COCH₃ F.W. 58.08 CAS# 67-64-1

Item No.	Pkg Type	Case
A1496-1L	Amber Glass	6
A1496-4L	Amber Glass	4



DOT: UN 1090 Acetone, 3, II

Acetone Laboratory Grade

CH₃COCH₃ F.W. 58.08 CAS# 67-64-1

Item No.	Pkg Type	Case
A1500-500ML	Amber Glass	6
A1500-1L	Amber Glass	6
A1500-4L	Amber Glass	4
A1500-4L(POLY)	Fluorinated Plastic	4
A1500-20L	Metal Can	
A1500-200L	Poly Drum	



DOT: UN 1090 Acetone, 3, II

Acetone Technical Grade

CH₃COCH₃ F.W. 58.08 CAS# 67-64-1

Item No.	Pkg Type	Case
A1501-500ML	Amber Glass	6
A1501-4L	Metal Can	4
A1501-4LG	Amber Glass	4
A1501-4LP	Fluorinated Plastic	4
A1501-20L	Metal Can	
A1501-20LC	Cubitainer®	
A1501-648	Metal Can	
A1501-200L	Metal Drum	



DOT: UN 1090 Acetone, 3, II

Acetonitrile Reagent ACS Grade

CH₃CN F.W. 41.05 CAS# 75-05-8

Item No.	Pkg Type	Case
A1519-500ML	Amber Glass	6
A1519-1L	Amber Glass	6
A1519-4L	Amber Glass	4
A1519-20L	Metal Can	



DOT: UN 1648 Acetonitrile, 3, II

Specifications

Assay	≥ 99.5%
Color	≤ 10
Residue after evaporation	≤ 0.005%
Titration acid	≤ 8 ueq/g
Titration base	≤ 0.6 ueq/g
Water(H ₂ O)	≤ 0.3%
Appearance	Clear

Acetonitrile HPLC Grade

CH₃CN F.W. 41.05 CAS# 75-05-8

Item No.	Pkg Type	Case
A1520-4L	Amber Glass	4
A1520-4LSS	Amber Glass	



DOT: UN 1648 Acetonitrile, 3, II

Acid Detergent Fiber Solution Prepared to AOAC 973-18

Item No.	Pkg Type	Case
0123-4L	Clear Plastic	4
0123-10L	Cubitainer®	
0123-20L	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Acid Digestion Reagent See Digestion Reagent

Acid Molybdate Solution APHA for Silica

Item No.	Pkg Type	Case
0459-1L	Amber Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, III

Acid Solution Strong

Item No.	Pkg Type	Case
ND640 (500 ML)	Clear Plastic	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Ethanol, Methanol, Isopropanol, Hydrochloric Acid), 3(8), II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Acid Wash Color Standard Set 0-14 (Prepared to ASTM D848) Set of 15

Item No.	Pkg Type	Case
0150- SET		

Acid Wash Color Std. #0 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
01500	Flint Glass	

DOT: Not Regulated

Acid Wash Color Std. #1 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
01501	Flint Glass	



DOT: Not Regulated

Acid Wash Color Std. #2 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
01502	Flint Glass	



DOT: Not Regulated

Acid Wash Color Std. #3 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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01503

Flint Glass



DOT: Not Regulated

Acid Wash Color Std. #4 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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01504

Flint Glass



DOT: Not Regulated

Acid Wash Color Std. #5 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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01505

Flint Glass



DOT: Not Regulated

Acid Wash Color Std. #6 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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01506

Flint Glass



DOT: Not Regulated

Acid Wash Color Std. #7 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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01507

Flint Glass



DOT: UN 3139 Oxidizing liquid, n.o.s. (Potassium Chromate), 5.1, II

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Acid Wash Color Std. #8 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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01508

Flint Glass



DOT: UN 3139 Oxidizing liquid, n.o.s. (Potassium Chromate), 5.1, II

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Acid Wash Color Std. #9 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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01509

Flint Glass



DOT: UN 3139 Oxidizing liquid, n.o.s. (Potassium Chromate, Potassium Dichromate), 5.1, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Acid Wash Color Std. #10 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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015010

Flint Glass



DOT: UN 3139 Oxidizing liquid, n.o.s. (Potassium Chromate, Potassium Dichromate), 5.1, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Acid Wash Color Std. #11 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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015011

Flint Glass



DOT: UN 3139 Oxidizing liquid, n.o.s. (Potassium Chromate, Potassium Dichromate), 5.1, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Acid Wash Color Std. #12 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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015012

Flint Glass



DOT: UN 3139 Oxidizing liquid, n.o.s. (Potassium Chromate, Potassium Dichromate), 5.1, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Acid Wash Color Std. #13 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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015013

Flint Glass



DOT: UN 3139 Oxidizing liquid, n.o.s. (Potassium Chromate, Potassium Dichromate), 5.1, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Acid Wash Color Std. #14 (Prepared to ASTM D848)

Item No.	Pkg Type	Case
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015014

Flint Glass



DOT: UN 3139 Oxidizing liquid, n.o.s. (Potassium Dichromate), 5.1, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Acidic Titration Solvent for Distillates (ASTM D322)

Item No.	Pkg Type	Case
0125-4L	Clear Plastic	4
0125-4LG	Amber Glass	4
0125-20L	Cubitainer®	
0125-200L	Poly Drum	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Activated Carbon See Charcoal, Coconut



Agar Powder (Agar-Agar)

CAS# 9002-18-0

Item No.	Pkg Type	Case
A2515-100G	Clear Plastic	
A2515-500G	Clear Plastic	

DOT: Not Regulated

Aggregates Sand Stock (ASTM D2419)

Item No.	Pkg Type	Case
SPX372 (4 L)	Clear Plastic	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Alcohol, Reagent ACS Grade Denatured Ethyl Alcohol

Item No.	Pkg Type	Case
A2700-500ML	Clear Plastic	6
A2700-1L	Clear Plastic	6
A2700-4L	Clear Plastic	4
A2700-4LG	Amber Glass	4



DOT: UN 1987 Alcohols, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay (Ethyl alcohol and Methanol)	94.0 - 96%
Water	≤ 0.5%
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.001%

Alcohol Solvent See Mixed Alcohol Solvent for ASTM D3230

Alcohol(s) See Specific Alcohol: Ethyl, Isopropyl, Methanol, etc.

Alcoholic Sulfuric Acid APHA Phosphorous / Stannous Chloride

Item No.	Pkg Type	Case
0170-500ML	Amber Glass	
0170-1L	Amber Glass	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Methanol, Sulfuric Acid), 3(8), II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Alizarin Red S Biological Stain C.I. No. 58005

C14H8Na2O7S F.W. 360.28 CAS# 130-22-3

Item No.	Pkg Type	Case
A2835-10G	Amber Glass	



DOT: Not Regulated

Alizarin Red S 1% w/v Aqueous Solution

Item No.	Pkg Type	Case
0175-500ML	Clear Plastic	6
0175-1L	Clear Plastic	6

DOT: Not Regulated

Alizarin Yellow 0.1% w/v Aqueous Solution

Item No.	Pkg Type	Case
A2840-100ML	Clear Plastic	12

DOT: Not Regulated

Alizarin Yellow R (Mordant Orange 1), Reagent Grade

C14H9N3O5 F.W. 287.23 CAS# 2243-76-7

Item No.	Pkg Type	Case
A2838-10G	Clear Plastic	
A2838-25G	Clear Plastic	



DOT: Not Regulated

Alkaline Titration Solvent For Gas and Naptha (ASTM D3227)

Item No.	Pkg Type	Case
0295-4L	Clear Plastic	4
0295-4LG	Amber Glass	4
0295-10L	Cubitainer®	
0295-20L	Cubitainer®	
0295-200L	Poly Drum	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Alkaline-Iodide-Azide APHA for Alsterberg Method

Item No.	Pkg Type	Case
0220-500ML	Clear Plastic	12
0220-1L	Clear Plastic	6



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, II

Alkaline-Iodide Solution APHA for Winkler Method

Item No.	Pkg Type	Case
0180-500ML	Clear Plastic	
0180-1L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, II

Alkalinity Standard 100 ppm as CaCO₃, Certified

Assay = 90.0 - 110 ppm 3 month expiration

Item No.	Pkg Type	Case
0305-500ML	Clear Plastic	
0305-1L	Clear Plastic	

DOT: Not Regulated

Alkalinity Standard 500 ppm as CaCO₃

3 month expiration

Item No.	Pkg Type	Case
0310-500ML	Clear Plastic	
0310-1L	Clear Plastic	

DOT: Not Regulated

Alkalinity Standard 1,000 ppm as CaCO₃

3 month expiration

Item No.	Pkg Type	Case
0312-500ML	Clear Plastic	
DOT: Not Regulated		

Alkalinity Standard 5,000 ppm (as CaCO₃)

Item No.	Pkg Type	Case
SPE968 (500 ML)	Clear Plastic	
DOT: Not Regulated		

Alkalinity Standard 25,000 ppm (mg/L) as CaCO₃

Item No.	Pkg Type	Case
ND358 (1 L)	Clear Plastic	
DOT: Not Regulated		

Alum See Aluminum Sulfate

Aluminum AA Standard 1,000 ppm in 0.5 Mol/L HNO₃ NIST Traceable

Item No.	Pkg Type	Case
0350-100ML	Clear Plastic	
0350-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Aluminum Ammonium Sulfate Reagent ACS Grade Crystal

AlNH₄(SO₄)₂•12H₂O F.W. 453.33 CAS# 7784-26-1

Item No.	Pkg Type	Case
A3900-500G	Clear Plastic	
A3900-50KG	Fiber Drum	



DOT: Not Regulated

Specifications

Assay	98.0-102.0%
	AlNH ₄ (SO ₄) ₂ • 12H ₂ O
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Calcium (Ca)	≤ 0.05%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%
Potassium (K)	≤ 0.05%
Sodium (Na)	≤ 0.01%

Aluminum Chloride Hexahydrate Reagent Grade Crystal

AlCl₃•6H₂O F.W. 241.43 CAS# 7784-13-6

Item No.	Pkg Type	Case
A3974-100G	Clear Plastic	12
A3974-500G	Clear Plastic	12
A3974-2.5KG	Clear Plastic	4



DOT: Not Regulated

Specifications

Assay	97.0 - 101.0%
pH of a 5% solution @ 20°C	2.5-3.5
Arsenic (As)	≤ 0.0004%
Calcium (Ca)	≤ 0.02%
Iron (Fe)	≤ 10 ppm
Potassium (K)	≤ 0.01%
Magnesium (Mg)	≤ 0.01%
Sodium (Na)	≤ 0.1%
Heavy metals (as Pb)	≤ 10 ppm
Sulfate (SO ₄)	Complying
Water	42.0 - 48.0 %

Aluminum Chloride Solution APHA for Sulfide

Item No.	Pkg Type	Case
0327-100ML	Clear Plastic	
0327-500ML	Clear Plastic	
0327-4L	Clear Plastic	



DOT: Not Regulated

Aluminum Nitrate Reagent ACS Grade Crystal

Al(NO₃)₃•9H₂O F.W. 375.13 CAS# 7784-27-2

Item No.	Pkg Type	Case
A4145-100G	Clear Plastic	12
A4145-500G	Clear Plastic	12
A4145-2.5KG	Clear Plastic	4



DOT: UN 1438 Aluminum nitrate, 5.1, III

Specifications

Assay	98.0 - 102.0%
	Al(NO ₃) ₃ • 9H ₂ O
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.001%
Potassium (K)	≤ 0.002%
Sodium (Na)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.002%

Aluminum Oxide Technical Grade Powder

Al₂O₃ F.W. 101.96 CAS# 1344-28-1

Item No.	Pkg Type	Case
A4190-500G	Clear Plastic	12

DOT: Not Regulated

Aluminum Potassium Sulfate Laboratory Grade Granular

AlK(SO₄)₂•12H₂O F.W. 474.38 CAS# 7784-24-9

Item No.	Pkg Type	Case
A4232-500G	Clear Plastic	12
A4232-2.5KG	Clear Plastic	4
A4232-12KG	White Pail	

DOT: Not Regulated



Aluminum Sulfate Reagent ACS Grade Crystal

$\text{Al}_2(\text{SO}_4)_3 \cdot 18\text{H}_2\text{O}$ F.W. 666.43 CAS# 7784-31-8

Item No.	Pkg Type	Case
A4240-100G	Clear Plastic	12
A4240-500G	Clear Plastic	12
A4240-2.5KG	Clear Plastic	4
A4240-25KG	White Pail	
A4240-50KG	Fiber Drum	



DOT: UN 3260 Corrosive solid, acidic, inorganic, n.o.s. (Aluminum Sulfate Hydrate), 8, III

Specifications

Assay	98.0 - 102.0%
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.005%
Calcium (Ca)	≤ 0.01%
Magnesium (Mg)	≤ 0.002%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.02%
Heavy Metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.002%

Aluminum Sulfate Technical Grade Granular

$\text{Al}_2(\text{SO}_4)_3 \cdot 18\text{H}_2\text{O}$ F.W. 666.43 CAS# 7784-31-8

Item No.	Pkg Type	Case
A4245-500G	Clear Plastic	12
A4245-2.5KG	Clear Plastic	4
A4245-12KG	White Pail	
A4245-50LB	Lined Bag	



DOT: UN 3260 Corrosive solid, acidic, inorganic, n.o.s. (Aluminum Sulfate Hydrate), 8, III

Amine Sulfuric Acid Working Solution APHA for Sulfide/Chloride

Item No.	Pkg Type	Case
0357-500ML	Amber Glass	
0357-1L	Coated Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

4-Aminoantipyrine 98%

$\text{C}_{10}\text{H}_{11}\text{N}_3\text{O}$ F.W. 203.24 CAS# 83-07-8

Item No.	Pkg Type	Case
A4249-10G	Clear Plastic	
A4249-25G	Clear Plastic	
A4249-100G	Clear Plastic	
A4249-500G	Clear Plastic	



DOT: Not Regulated

Aminoantipyrine 2% (AAP) Solution

6 week expiration

Item No.	Pkg Type	Case
0362-500ML	Amber Glass	
0362-1L	Amber Glass	

DOT: Not Regulated

5-Amino-2,3-dihydro- 1,4-phthalazinedione (Luminol)

$\text{NH}_2\text{C}_6\text{H}_3\text{CONHNHCO}$ F.W. 177.16 CAS# 521-31-3

Item No.	Pkg Type	Case
A4265-1G	Amber Glass	
A4265-5G	Amber Glass	
A4265-25G	Clear Plastic	



DOT: Not Regulated

Amino Acid Solution APHA for Silica

2 month expiration

Item No.	Pkg Type	Case
0360-1L	Amber Plastic	6
0360-4L	Amber Plastic	4



DOT: Not Regulated

Ammonia (TS) 40% v/v Solution

Item No.	Pkg Type	Case
SPX027 (250 ML)	Clear Plastic	



DOT: UN 2672 Ammonia solution, 8, III

Ammonia Buffer For Zinc Plating Analysis

Item No.	Pkg Type	Case
SPX853 (1 L)	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Ammonium Hydroxide), 8, III

Ammonia Electrode Soak Solution For Ammonia-selective Electrodes

Item No.	Pkg Type	Case
0379-500ML	Clear Plastic	6

DOT: Not Regulated

Ammonia Ionic Strength Adjuster (ISA) Solution

Item No.	Pkg Type	Case
0364-500ML	Clear Plastic	6
0364-1L	Clear Plastic	6
0364-4L	Clear Plastic	4
0364-10L	Cubitainer®	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Sodium Hydroxide, Methanol), 8(3), II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Ammonia Nitrogen Standards See Also Nitrogen Standards

Ammonia Nitrogen Standard APHA 1.0 ppm as NH_3 Certified

2 month expiration

Item No.	Pkg Type	Case
0367-1L	Clear Plastic	
0367-4L	Clear Plastic	4

DOT: Not Regulated

Ammonia Nitrogen Standard APHA 5.0 ppm as NH_3 Certified

2 month expiration

Item No.	Pkg Type	Case
0361-1L	Clear Plastic	

DOT: Not Regulated

Ammonia Nitrogen Standard APHA 10.0 ppm as NH₃ (1ml = 0.01 mg NH₃)

3 month expiration

Item No.	Pkg Type	Case
0371-500ML	Clear Plastic	
0371-1L	Clear Plastic	
0371-4L	Clear Plastic	
0371-10L	Cubitainer®	

DOT: Not Regulated

Ammonia Nitrogen Standard APHA 50.0 ppm as NH₃ (1ml= 0.05 mg NH₃)

3 month expiration

Item No.	Pkg Type	Case
0369-500ML	Clear Plastic	
0369-1L	Clear Plastic	
0369-4L	Clear Plastic	
0369-10L	Cubitainer®	
0369-20L	Cubitainer®	

DOT: Not Regulated

Ammonia Nitrogen Standard APHA 100 ppm as NH₃ (1ml = 0.1 mg NH₃)

3 month expiration

Item No.	Pkg Type	Case
0372-500ML	Clear Plastic	
0372-1L	Clear Plastic	
0372-4L	Clear Plastic	

DOT: Not Regulated

Ammonia Stock Standard APHA 500 ppm as NH₃ Certified

3 month expiration

Item No.	Pkg Type	Case
0370-500ML	Clear Plastic	
0370-1L	Clear Plastic	
0370-4L	Clear Plastic	
0370-20L	Cubitainer®	

DOT: Not Regulated

Ammonia Standard 1,000 ppm as NH₃ (1ml = 1 mg NH₃) APHA

3 month expiration

Item No.	Pkg Type	Case
0373-100ML	Clear Plastic	
0373-500ML	Clear Plastic	
0373-1L	Clear Plastic	
0373-4L	Clear Plastic	
0373-10L	Cubitainer®	

DOT: Not Regulated

Ammonia Standard 2,000 ppm as NH₃ (1 ml = 2 mg NH₃) APHA

3 month expiration

Item No.	Pkg Type	Case
0376-500ML	Clear Plastic	
0376-1L	Clear Plastic	

DOT: Not Regulated

Ammonia Standard 2,500 ppm as NH₃ (1ml = 2.5mg NH₃) APHA

3 month expiration

Item No.	Pkg Type	Case
0374-1L	Clear Plastic	
0374-4LC	Cubitainer®	

DOT: Not Regulated

Ammonia Standard 3,000 ppm as NH₃ (1ml = 3.0mg NH₃) APHA

3 month expiration

Item No.	Pkg Type	Case
0375-4L	Clear Plastic	

DOT: Not Regulated

Ammonia Standard 5,000 ppm as NH₃ (1ml = 5.0mg NH₃) APHA

3 month expiration

Item No.	Pkg Type	Case
0377-500ML	Clear Plastic	

DOT: Not Regulated

Ammonia Standard 10,000 ppm as NH₃

2 month expiration

Item No.	Pkg Type	Case
SPE329 (1 L)	Clear Plastic	

DOT: Not Regulated

Ammonia pH Adjusting Solution APHA 4500-NH₃

Item No.	Pkg Type	Case
0365-500ML	Clear Plastic	
0365-1LG	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, II

Ammonia Solution Household Strength (~5% NH₃)

Item No.	Pkg Type	Case
A4292-500ML	Clear Plastic	6
A4292-1L	Clear Plastic	6
A4292-4L	Clear Plastic	4



DOT: UN 2672 Ammonia solution, 8, III

Ammonia Solution 10% as NH₃

Item No.	Pkg Type	Case
A4296-1L	Clear Plastic	
A4296-4L	Clear Plastic	



DOT: UN 2672 Ammonia solution, 8, III

Ammonia TS 2 Prepare to USP42 NF37

Item No.	Pkg Type	Case
SPX795 (500 ML)	Clear Plastic	



DOT: Not Regulated

Ammonia-EDTA Buffer Solution

Item No.	Pkg Type	Case
SPX105 (1 L)	Clear Plastic	
SPX105A (4 L)	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Ammonium Hydroxide), 8, III



Ammonium Acetate Reagent ACS Grade Crystal

CH₃COONH₄ F.W. 77.08 CAS# 631-61-8

Item No.	Pkg Type	Case
A4305-125G	Clear Plastic	12
A4305-500G	Clear Plastic	12
A4305-2.5KG	Clear Plastic	4
A4305-12KG	White Pail	
A4305-50KG	Fiber Drum	

DOT: Not Regulated

Specifications

Assay	≥ 97%
pH of a 5% solution	6.7-7.3 @ 25°C
Residue after ignition	≤ 0.01%
Chloride (Cl)	≤ 5 ppm
Nitrate (NO ₃)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.001%
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Insoluble matter	≤ 0.005%

Ammonium Acetate 10% w/v Solution (ASTM E200)

Item No.	Pkg Type	Case
0390-1L	Clear Plastic	6

DOT: Not Regulated

Ammonium Acetate Buffer

Item No.	Pkg Type	Case
SPX906 (10 L)	Cubitainer®	



DOT: Not Regulated

Ammonium Acetate 40% w/v Solution

Item No.	Pkg Type	Case
0400-500ML	Clear Plastic	
0400-1L	Clear Plastic	
0400-4L	Clear Plastic	

DOT: Not Regulated

Ammonium Acetate-Acetic Acid Solution (ASTM E200, E394)

Item No.	Pkg Type	Case
0395-100ML	Clear Plastic	
0395-1L	Clear Plastic	



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Acetic Acid, Glacial), 8, III

Ammonium Acetate Buffer Solution pH 4.5

Item No.	Pkg Type	Case
0398-1L	Clear Plastic	



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Acetic Acid, Glacial), 8, III

Ammonium Alum See Aluminum Ammonium Sulfate

Ammonium Bicarbonate Reagent Grade

NH₄HCO₃ F.W. 79.06 CAS# 1066-33-7

Item No.	Pkg Type	Case
A4333-500G	Clear Plastic	12



DOT: Not Regulated

Ammonium Bifluoride Technical Grade Flake

NH₄F•HF F.W. 57.04 CAS# 1341-49-7

Item No.	Pkg Type	Case
A4350-500G	Clear Plastic	12
A4350-2.5KG	Clear Plastic	4
A4350-12KG	White Pail	



DOT: UN 1727 Ammonium hydrogendifluoride, solid, 8, II

Ammonium Bifluoride Solutions Call for pricing

Ammonium Carbonate (~30% Ammonia) Reagent ACS Grade Lump

CH₈N₂O₃ F.W. 96.09 CAS# 506-87-6

Item No.	Pkg Type	Case
A4426-500G	Amber Glass	12

DOT: Not Regulated

Specifications

Assay	≥ 30.0% NH ₃
Insoluble matter	≤ 0.005%
Nonvolatile matter	≤ 0.01%
Chloride (Cl)	≤ 5 ppm
Sulfur compounds (as SO ₄)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
This product contains a mixture of Ammonium bicarbonate and ammonium carbamate	

Ammonium Carbonate (~30% Ammonia) Laboratory Grade, Lump

CH₈N₂O₃ F.W. 96.09 CAS# 506-87-6

Item No.	Pkg Type	Case
A4428-100G	Clear Plastic	12

DOT: Not Regulated

Ammonium Carbonate (~30% Ammonia) Laboratory Grade Powder

CH₈N₂O₃ F.W. 96.09 CAS# 506-87-6

Item No.	Pkg Type	Case
A4430-100G	Clear Plastic	12
A4430-500G	Clear Plastic	12

DOT: Not Regulated

Ammonium Chloride Reagent ACS Grade

Item No.	Pkg Type	Case
A4485-100G	Clear Plastic	12
A4485-500G	Clear Plastic	12
A4485-2.5KG	Clear Plastic	4
A4485-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (NH ₄ Cl)	≥ 99.5%
pH of 5% solution @25°C	4.5-5.5
Insoluble matter	≤ 0.005%
Residue after ignition	≤ 0.01%
Calcium (Ca)	≤ 0.001%
Magnesium (Mg)	≤ 5 ppm
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 2 ppm
Phosphate (PO ₄)	≤ 2 ppm
Sulfate (SO ₄)	≤ 0.002%

Ammonium Chloride Laboratory Grade

Item No.	Pkg Type	Case
A4525-500G	Clear Plastic	12
A4525-2.5KG	Clear Plastic	4
A4525-12KG	White Pail	



DOT: Not Regulated

Ammonium Chloride Technical Grade

Item No.	Pkg Type	Case
A4545-500G	Clear Plastic	12
A4545-2.5KG	Clear Plastic	4
A4545-12KG	White Pail	



DOT: Not Regulated

Ammonium Chloride 0.1 Molar Aqueous Solution

Item No.	Pkg Type	Case
0425-500ML	Clear Plastic	
0425-1L	Clear Plastic	

DOT: Not Regulated

Ammonium Chloride 5% w/v Solution, APHA for Phenols

Item No.	Pkg Type	Case
0430-500ML	Clear Plastic	6
0430-1L	Clear Plastic	6
0430-4L	Clear Plastic	

DOT: Not Regulated

Ammonium Chloride 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
0435-500ML	Clear Plastic	6
0435-1L	Clear Plastic	6
0435-4L	Clear Plastic	4
0435-20L	Cubitainer®	

DOT: Not Regulated

Ammonium Citrate, Dibasic Reagent ACS Grade Crystal

C₆H₉O₇H(NH₄)₂ F.W. 226.19 CAS# 3012-65-5

Item No.	Pkg Type	Case
A4560-100G	Clear Plastic	
A4560-500G	Clear Plastic	
A4560-2.5KG	Clear Plastic	



DOT: Not Regulated

Specifications

Assay	98.0 - 103.0%
Insoluble matter	≤ 0.005%
Residue after ignition	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%
Oxalate (C ₂ O ₄)	passes test
Phosphate (PO ₄)	≤ 5 ppm
Sulfur compounds (as SO ₄)	≤ 0.005%

Ammonium Fluoride Reagent ACS Crystal

Item No.	Pkg Type	Case
A4630-100G	Clear Plastic	
A4630-500G	Clear Plastic	
A4630-2.5KG	Clear Plastic	



DOT: UN 2505 Ammonium fluoride, 6.1, III

Specifications

Assay	≥ 98.0% NH ₄ F
Insoluble matter	≤ 0.005%
Residue after ignition	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.005%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

Ammonium Hydroxide 28-30% w/w Reagent ACS Grade

NH₄OH F.W. 35.05 CAS# 1336-21-6

Item No.	Pkg Type	Case
A4750-500ML	Amber Glass	6
A4750-1LP	Clear Plastic	
A4750-2.5L	Flint Glass	6
A4750-4L	Clear Plastic	4
A4750-20L	Clear Plastic	
A4750-15GAL	Poly Drum	
A4750-200L	Poly Drum	



DOT: UN 2672 Ammonia solution, 8, III

Specifications

Appearance	Passes test
Assay (as NH ₃)	28.0 - 30.0%
Residue after ignition	≤ 0.002%
Carbon Dioxide (CO ₂)	≤ 0.002%
Chloride (Cl)	≤ 0.5 ppm
Nitrate (NO ₃)	≤ 2 ppm
Phosphate (PO ₄)	≤ 2 ppm
Sulfate (SO ₄)	≤ 2 ppm
Heavy metals (as Pb)	≤ 0.5 ppm
Iron (Fe)	≤ 0.2 ppm
Substances reducing permanganate	Passes test



Ammonium Hydroxide 26 Deg Baume A, Technical Grade

NH₄OH F.W. 35.05 CAS# 1336-21-6

Item No.	Pkg Type	Case
A4830-1L	Clear Plastic	
A4830-2.5L	Clear Glass	6
A4830-4L	Clear Plastic	4
A4830-20L	Clear Plastic	



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 0.1 Normal NIST Traceable Solution

Normality = 0.0990 - 0.1010 @20°C

Item No.	Pkg Type	Case
SPE638 (500 ML)	Clear Plastic	
SPE638A (4 L)	Beta Bottle	

DOT: Not Regulated

Ammonium Hydroxide 1.0 Normal NIST Traceable Solution

Normality = 0.9975 - 1.0025 @20°C

Item No.	Pkg Type	Case
A4747-500ML	Clear Plastic	6
A4747-1L	Clear Plastic	6
A4747-4L	Clear Plastic	4
A4747-20L	Clear Plastic	



DOT: Not Regulated

Ammonium Hydroxide 4.0 Molar Ammonium Chloride 4.0 Molar

Item No.	Pkg Type	Case
0436-500ML	Clear Plastic	
0436-1L	Clear Plastic	
0436-4L	Clear Plastic	
0436-10L	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Ammonium Hydroxide), 8,III

Ammonium Hydroxide 5.0 Normal NIST Traceable Solution

Normality = 4.980 - 5.020 @20°C

Item No.	Pkg Type	Case
0447-1L	Clear Plastic	6
0447-4L	Clear Plastic	4
0447-20L	Cubitainer®	



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 6.0 Normal NIST Traceable Solution

Normality = 5.980 - 6.020 @20°C

Item No.	Pkg Type	Case
0450-500ML	Clear Plastic	
0450-1L	Clear Plastic	6
0450-4L	Clear Plastic	4



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 1 + 24 Solution (ASTM D1091)

Item No.	Pkg Type	Case
0452-1L	Clear Plastic	
0452-4L	Clear Plastic	



DOT: Not Regulated

Ammonium Hydroxide 3 + 5 Solution (ASTM D1091)

Item No.	Pkg Type	Case
0451-1L	Clear Plastic	6
0451-4L	Clear Plastic	4



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 1:4 v/v Aqueous Solution

Item No.	Pkg Type	Case
0438-1L	Clear Plastic	



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 2% v/v Solution

Item No.	Pkg Type	Case
0444-500ML	Clear Plastic	6
0444-1L	Clear Plastic	6



DOT: Not Regulated

Ammonium Hydroxide 5% v/v Solution

Item No.	Pkg Type	Case
0442-500ML	Clear Plastic	
0442-1L	Clear Plastic	
0442-4L	Clear Plastic	



DOT: Not Regulated

Ammonium Hydroxide 6% v/v Solution

Item No.	Pkg Type	Case
0443-1L	Clear Plastic	6



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 10% v/v Solution

Item No.	Pkg Type	Case
0445-500ML	Clear Plastic	
0445-1L	Clear Plastic	
0445-4L	Clear Plastic	
0445-20L	Cubitainer®	



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 10% w/v Solution Prepared to USP

Item No.	Pkg Type	Case
0448-1L	Clear Plastic	



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 20% v/v Solution

Item No.	Pkg Type	Case
0446-500ML	Clear Plastic	
0446-1L	Clear Plastic	
0446-4L	Clear Plastic	
0446-20L	Cubitainer®	



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 25% v/v Solution

Item No.	Pkg Type	Case
0441-500ML	Clear Plastic	
0441-4L	Clear Plastic	4



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide 33% v/v (1+2) Solution

Item No.	Pkg Type	Case
0470-500ML	Clear Plastic	6
0470-4L	Clear Plastic	4



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Hydroxide (1 + 1) 50% v/v Solution

Item No.	Pkg Type	Case
0440-500ML	Clear Plastic	
0440-1L	Clear Plastic	6
0440-4L	Clear Plastic	4
0440-4LC	Cubitainer®	
0440-10L	Cubitainer®	
0440-20L	Cubitainer®	
0440-200L	Poly Drum	



DOT: UN 2672 Ammonia solution, 8, III

Ammonium Molybdate Tetrahydrate Reagent ACS Grade

(NH₄)₆Mo₇O₂₄•4H₂O F.W. 1,235.86 CAS# 12054-85-2

Item No.	Pkg Type	Case
A4895-500G	Clear Plastic	12
A4895-2.5KG	Clear Plastic	
A4895-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (as MoO ₃)	81.0 - 83.0%
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.002%
Nitrate (NO ₃)	Passes test
Arsenate, phosphate, and silicate (as SiO ₂)	≤ 0.001%
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.02%
Heavy metals (as Pb)	≤ 0.001%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.01%

Ammonium Molybdate- Sulfuric Acid Solution (ASTM E200)

Item No.	Pkg Type	Case
0475-500ML	Clear Plastic	
0475-1L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Ammonium Molybdate Reagent for Inorganic Phosphorous

Item No.	Pkg Type	Case
SPE568 (4 L)	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Ammonium Molybdate Solution for Phosphorous (ASTM D1091)

Item No.	Pkg Type	Case
0490-1L	Clear Plastic	

DOT: Not Regulated

Ammonium Molybdate Solution for Total Phosphorous

Item No.	Pkg Type	Case
SPE640 (4 L)	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Ammonium Molybdate Reagent #1 APHA for Phosphate

Item No.	Pkg Type	Case
0480-500ML	Clear Plastic	
0480-1L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Ammonium Molybdate Reagent #2 APHA for Phosphate

Item No.	Pkg Type	Case
0500-500ML	Clear Plastic	
0500-1L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Ammonium Molybdate 4% w/v APHA for Phosphorous

Item No.	Pkg Type	Case
0458-100ML	Clear Plastic	
0458-500ML	Clear Plastic	
0458-1L	Clear Plastic	

DOT: Not Regulated

Ammonium Molybdate 10% w/v Solution, APHA for Silica

Item No.	Pkg Type	Case
0460-250ML	Clear Plastic	
0460-500ML	Clear Plastic	
0460-1L	Clear Plastic	
0460-4L	Clear Plastic	

DOT: Not Regulated



Ammonium Nitrate Reagent ACS Grade Crystal

NH₄NO₃ **F.W. 80.04** **CAS# 6484-52-2**

Item No.	Pkg Type	Case
A4955-500G	Clear Plastic	12
A4955-2.5KG	Clear Plastic	4
A4955-12KG	White Pail	



DOT: UN 1942 Ammonium nitrate, 5.1, III

Specifications

Assay (NH ₄ NO ₃)	≥ 95.0%
pH of 5% solution @ 25°C	4.5 - 6.0
Insoluble Matter	≤ 0.005%
Residue after ignition	≤ 0.01%
Chloride(Cl)	≤ 5 ppm
Nitrite(NO ₂)	Passes test
Phosphate(PO ₄)	≤ 5 ppm
Sulfate(SO ₄)	≤ 0.002%
Heavy Metals(as Pb)	≤ 5 ppm
Iron(Fe)	≤ 2 ppm

Ammonium Nitrate 5% w/v Solution (ASTM D1091)

Item No.	Pkg Type	Case
0495-1L	Clear Plastic	6

DOT: Not Regulated

Ammonium Oxalate Reagent ACS Grade Crystal

(NH₄)₂C₂O₄•H₂O **F.W. 142.11** **CAS# 6009-70-7**

Item No.	Pkg Type	Case
A5075-125G	Clear Plastic	12
A5075-500G	Clear Plastic	12



DOT: UN 1759 Corrosive solids, n.o.s. (Oxalic acid, ammonium salt monohydrate), 8, III

Specifications

Assay (COONH ₄) ₂ •H ₂ O	99.0-101.0%
Residue after ignition	≤ 0.02%
Chloride (Cl)	≤ 0.002%
Sulfate (SO ₄)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 2 ppm
Insoluble matter	≤ 0.005%

Ammonium Oxalate 4% w/v Solution APHA for Calcium

Item No.	Pkg Type	Case
0506-500ML	Clear Plastic	
0506-1L	Clear Plastic	
0506-4L	Clear Plastic	



DOT: Not Regulated

Ammonium Oxalate Saturated Solution

Item No.	Pkg Type	Case
0508-1L	Clear Plastic	6



DOT: UN 1760 Corrosive liquids, n.o.s. (Oxalic acid, ammonium salt monohydrate), 8, III

Ammonium Persulfate Reagent ACS Grade Crystal

(NH₄)₂S₂O₈ **F.W. 228.2** **CAS# 7727-54-0**

Item No.	Pkg Type	Case
A5185-125G	Clear Plastic	12
A5185-500G	Clear Plastic	12
A5185-2.5KG	Clear Plastic	4



DOT: UN 1444 Ammonium persulfate, 5.1, III

Specifications

Assay	≥ 98.0%
Residue after ignition	≤ 0.05%
Titration free acid	≤ 0.04 meq/g
Chloride and chlorate (as Cl)	≤ 0.001%
Heavy Metals (as Pb)	≤ 0.005%
Iron (Fe)	≤ 0.001%
Manganese (Mn)	≤ 0.5 ppm
Insoluble Matter	≤ 0.005%

Ammonium Persulfate Laboratory Grade Crystal

(NH₄)₂S₂O₈ **F.W. 228.2** **CAS# 7727-54-0**

Item No.	Pkg Type	Case
A5188-500G	Clear Plastic	12
A5188-2.5KG	Clear Plastic	4
A5188-12KG	White Pail	



DOT: UN 1444 Ammonium persulfate, 5.1, III

Ammonium Persulfate 10% w/v Solution

Item No.	Pkg Type	Case
0512-500ML	Clear Plastic	
0512-4L	Beta Bottle	4



DOT: UN 3139 Oxidizing liquid, n.o.s. (Ammonium Persulfate), 5.1, III

Ammonium Persulfate 20% w/v Aqueous Solution

Item No.	Pkg Type	Case
0510-60ML	Clear Plastic Dropper	
0510-500ML	Clear Plastic	
0510-1L	Clear Plastic	
0510-4L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Ammonium Persulfate), 5.1, III

Ammonium Phosphate Dibasic Reagent ACS Grade

(NH₄)₂HPO₄ **F.W. 132.06** **CAS# 7783-28-0**

Item No.	Pkg Type	Case
A5610-500G	Clear Plastic	12
A5610-2.5KG	Clear Plastic	4
A5610-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay	≥ 98.0% (NH ₄) ₂ HPO ₄
pH of a 5% solution at 25°C	7.7-8.1
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Nitrate (NO ₃)	≤ 0.003%
Sulfate (SO ₄)	≤ 0.01%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%
Calcium (Ca)	≤ 0.001%
Magnesium (Mg)	≤ 0.0005%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.005%

Ammonium Phosphate Monobasic Reagent ACS Grade

$\text{NH}_4\text{H}_2\text{PO}_4$ F.W. 115.03 CAS# 7722-76-1

Item No.	Pkg Type	Case
A5305-500G	Clear Plastic	12
A5305-2.5KG	Clear Plastic	4
A5305-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay	$\geq 98.0\% \text{ NH}_4\text{H}_2\text{PO}_4$
pH of a 5% solution	3.8 - 4.4 at 25° C
Insoluble matter	$\leq 0.005\%$
Chloride (Cl)	$\leq 5 \text{ ppm}$
Nitrate (NO_3)	$\leq 0.001\%$
Sulfate (SO_4)	$\leq 0.01\%$
Heavy metals (as Pb)	$\leq 5 \text{ ppm}$
Iron (Fe)	$\leq 0.001\%$
Calcium (Ca)	$\leq 0.001\%$
Magnesium (Mg)	$\leq 0.0005\%$
Potassium (K)	$\leq 0.005\%$
Sodium (Na)	$\leq 0.005\%$

Ammonium Phosphate Monobasic Laboratory Grade Granular

$\text{NH}_4\text{H}_2\text{PO}_4$ F.W. 115.03 CAS# 7722-76-1

Item No.	Pkg Type	Case
A5314-500G	Clear Plastic	12
A5314-2.5KG	Clear Plastic	4
A5314-12KG	White Pail	

DOT: Not Regulated

Ammonium Phosphate Solution APHA for Sulfide

Item No.	Pkg Type	Case
0520-500ML	Clear Plastic	
0520-1L	Clear Plastic	
0520-1LG	Amber Glass	
0520-4L	Clear Plastic	

DOT: Not Regulated

Ammonium Sulfate Reagent ACS Granular

$(\text{NH}_4)_2\text{SO}_4$ F.W. 132.13 CAS# 7783-20-2

Item No.	Pkg Type	Case
A5825-125G	Clear Plastic	12
A5825-500G	Clear Plastic	12
A5825-2.5KG	Clear Plastic	4
A5825-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	$\geq 99.0\% (\text{NH}_4)_2\text{SO}_4$
pH of a 5% solution	5.0-6.0 at 25° C
Insoluble matter	$\leq 0.005\%$
Residue after ignition	$\leq 0.005\%$
Chloride (Cl)	$\leq 5 \text{ ppm}$
Nitrate (NO_3)	$\leq 0.001\%$
Phosphate (PO_4)	$\leq 5 \text{ ppm}$
Heavy metals (as Pb)	$\leq 5 \text{ ppm}$
Iron (Fe)	$\leq 5 \text{ ppm}$

Ammonium Sulfate Laboratory Grade Granular

$(\text{NH}_4)_2\text{SO}_4$ F.W. 132.13 CAS# 7783-20-2

Item No.	Pkg Type	Case
A5902-500G	Clear Plastic	12
A5902-2.5KG	Clear Plastic	4



DOT: Not Regulated

Ammonium Sulfate 2 Molar Ionic Strength Adjuster for Nitrate

Item No.	Pkg Type	Case
0525-500ML	Clear Plastic	
0525-1L	Clear Plastic	



DOT: Not Regulated

Ammonium Thiocyanate Reagent ACS Grade Crystal

NH_4SCN F.W. 76.12 CAS# 1762-95-4

Item No.	Pkg Type	Case
A6250-125G	Amber Glass	12
A6250-500G	Amber Glass	
A6250-2.5KG	Clear Plastic	
A6250-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	$\geq 97.5\% \text{ NH}_4\text{SCN}$
pH of a 5% solution at 25° C	4.5 - 6.0
Insoluble matter	$\leq 0.005\%$
Residue after ignition	$\leq 0.025\%$
Chloride (Cl)	$\leq 0.005\%$
Sulfate (SO_4)	$\leq 0.005\%$
Heavy metals (as Pb)	$\leq 5 \text{ ppm}$
Iron (Fe)	$\leq 3 \text{ ppm}$
Iodine-consuming substances	$\leq 0.004 \text{ meq/g}$

Ammonium Thiocyanate 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
0530-500ML	Clear Plastic	6
0530-1L	Clear Plastic	6
0530-4L	Clear Plastic	
0530-20L	Cubitainer®	

DOT: Not Regulated

Ammonium Thiocyanate 0.05 Normal NIST Traceable Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
0534-500ML	Clear Plastic	6
0534-1L	Clear Plastic	6
0534-4L	Clear Plastic	

DOT: Not Regulated

Ammonium Thiocyanate 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
0531-500ML	Clear Plastic	6
0531-1L	Clear Plastic	6
0531-4L	Clear Plastic	4
0531-4LC	Cubitainer®	4
0531-20L	Cubitainer®	

DOT: Not Regulated



Ammonium Thiocyanate 30% Solution (ASTM E200)

Item No.	Pkg Type	Case
0532-500ML	Clear Plastic	6
0532-1L	Clear Plastic	6
0532-4L	Clear Plastic	4

DOT: Not Regulated

Ammonium Vanadate Solution For Phosphate ASTM (D1091)

Item No.	Pkg Type	Case
0540-1L	Clear Plastic	6



DOT: Not Regulated

n-Amyl Alcohol (1-Pentanol) Reagent ACS Grade

$\text{CH}_3(\text{CH}_2)_4\text{OH}$ F.W. 88.15 CAS# 71-41-0

Item No.	Pkg Type	Case
A6480-500ML	Amber Glass	6
A6480-1L	Amber Glass	
A6480-4L	Amber Glass	4
A6480-20L	Metal Can	
A6480-200L	Metal Drum	



DOT: UN 1105 Pentanols, 3, III

Specifications

Assay ($\text{CH}_3(\text{CH}_2)_4\text{OH}$)	$\geq 98.0\%$
Water (H_2O)	$\leq 0.5\%$
Color (APHA)	≤ 30
Residue after evaporation	$\leq 0.003\%$
Acids and esters	≤ 0.075 meq/g
Carbonyl compounds (as HCHO)	$\leq 0.1\%$

Antimony AA Standard 1,000 mg/L (ppm) NIST Traceable in 2-5% HNO_3

Item No.	Pkg Type	Case
0550-100ML	Clear Plastic	
0550-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Antimony Potassium Tartrate Solution EPA For ortho phosphate in water

Item No.	Pkg Type	Case
0541-1L	Amber Glass	

DOT: Not Regulated

Arsenic Standard 1.0 ppm w/w Solution (1ml = 0.001mg As)

Item No.	Pkg Type	Case
0751-100ML	Clear Plastic	
0751-250ML	Clear Plastic	
0751-500ML	Clear Plastic	



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Arsenic AA Standard 1,000 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
0750-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III



WARNING: Cancer - www.P65Warnings.ca.gov.

Arsenite Standard 0.1 Normal APHA for Residual Chlorine

Normality = 0.0990 - 0.1010 @20°C

Item No.	Pkg Type	Case
0780-500ML	Clear Plastic	6
0780-1L	Clear Plastic	6
0780-4L	Clear Plastic	4



DOT: Not Regulated



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Ascorbic Acid (Vitamin C) Reagent ACS Grade

Item No.	Pkg Type	Case
A8899-125G	Clear Plastic	12
A8899-500G	Clear Plastic	12

DOT: Not Regulated

Specifications

Assay	$\geq 99.0\% \text{ C}_6\text{H}_8\text{O}_6$
Specific rotation $[\alpha]_D^{25}$	$+21.0^\circ \pm 0.5^\circ$
Residue after ignition	$\leq 0.1\%$
Heavy metals (as Pb)	$\leq 0.002\%$
Iron (Fe)	$\leq 0.001\%$

Ascorbic Acid (Vitamin C) Laboratory Grade Crystal

Item No.	Pkg Type	Case
A8900-25G	Clear Plastic	12
A8900-125G	Clear Plastic	12
A8900-500G	Clear Plastic	12
A8900-1KG	Clear Plastic	6
A8900-2.5KG	Clear Plastic	

DOT: Not Regulated

Ascorbic Acid 10% w/v Solution

Item No.	Pkg Type	Case
0190-500ML	Amber Plastic	

DOT: Not Regulated

Ash Standard 0.005% w/v Solution

Item No.	Pkg Type	Case
SPX245 (4 L)	Amber Glass	

DOT: Not Regulated

Azo Violet 0.025% w/v Solution

Item No.	Pkg Type	Case
ND500A (250 ML)	Clear Plastic	
ND500 (500 ML)	Clear Plastic	

DOT: Not Regulated

Azo Violet 0.1% w/v Aqueous Solution

Item No.	Pkg Type	Case
ND650 (250 ML)	Clear Plastic	
DOT: Not Regulated		

Barium Standard 1,000 mg/L (ppm) AA Standard NIST Traceable

Item No.	Pkg Type	Case
0950-100ML	Clear Plastic	
0950-500ML	Clear Plastic	
 DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III		

Barium Carbonate Reagent ACS Grade

BaCO₃	F.W. 197.35	CAS# 513-77-9
Item No.	Pkg Type	Case
B0325-125G	Clear Plastic	12
B0325-500G	Clear Plastic	12
B0325-2.5KG	Clear Plastic	
B0325-12KG	White Pail	
 DOT: UN 1564 Barium compounds, n.o.s. (Barium Carbonate, Reagent ACS Grade), 6.1, III		

Specifications

Assay (BaCO ₃)	99.0 - 101.0%
Insoluble in dilute HCl	≤ 0.015%
Chloride (Cl)	≤ 0.002%
Water soluble titrable base	≤ 0.002 meq/g
Oxidizing substances (as NO ₃)	≤ 0.005%
Sulfide (S)	≤ 0.001%
Calcium (Ca)	≤ 0.05%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.02%
Strontium (Sr)	≤ 0.7%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.002%

Barium Chloride Dihydrate Reagent ACS Grade Crystal

BaCl₂•2H₂O	F.W. 244.27	CAS# 10326-27-9
Item No.	Pkg Type	Case
B0360-125G	Clear Plastic	12
B0360-500G	Clear Plastic	12
B0360-2.5KG	Clear Plastic	4
B0360-12KG	White Pail	
  DOT: UN 1564 Barium compounds, n.o.s. (Barium Chloride Dihydrate), 6.1, III		

Specifications

Assay	≥ 99.0% (BaCl ₂ •2H ₂ O)
Loss on drying at 150°C	14.0% - 16.0%
pH of a 5% solution @25°C	5.2 - 8.2
Insoluble matter	≤ 0.005%
Oxidizing Substances (as NO ₃)	≤ 0.005%
Calcium (Ca)	≤ 0.05%
Potassium (K)	≤ 0.0025%
Sodium (Na)	≤ 0.005%
Strontium (Sr)	≤ 0.1%
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 2 ppm

Barium Chloride Dihydrate Technical Grade Crystal

BaCl₂•2H₂O	F.W. 244.27	CAS# 10326-27-9
Item No.	Pkg Type	Case
B0375-100G	Clear Plastic	12
B0375-500G	Clear Plastic	12
B0375-2.5KG	Clear Plastic	4
B0375-12KG	White Pail	
  DOT: UN 1564 Barium compounds, n.o.s. (Barium Chloride Dihydrate), 6.1, III		

Barium Chloride 0.1 Normal Solution

Item No.	Pkg Type	Case
0930-500ML	Clear Plastic	6
0930-1L	Clear Plastic	6
DOT: Not Regulated		

Barium Chloride 1.0 Molar Solution

Item No.	Pkg Type	Case
0928-1L	Clear Plastic	6
0928-4L	Clear Plastic	
 DOT: UN 1564 Barium compounds, n.o.s. (Barium Chloride Dihydrate), 6.1, III		

Barium Chloride 5% w/v Aqueous Solution

Item No.	Pkg Type	Case
0905-500ML	Clear Plastic	6
0905-1L	Clear Plastic	
 DOT: Not Regulated		

Barium Chloride 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
0910-500ML	Clear Plastic	6
0910-1L	Clear Plastic	6
0910-4L	Clear Plastic	4
0910-4LC	Cubitainer®	4
0910-10L	Cubitainer®	
0910-20L	Cubitainer®	
 DOT: Not Regulated		

Barium Chloride 11.8% w/v (ASTM D516)

Item No.	Pkg Type	Case
0914-4L	Clear Plastic	4
 DOT: UN 1564 Barium compounds, n.o.s. (Barium Chloride Dihydrate), 6.1, III		



Barium Chloride 12% w/v Solution (ASTM E200)

Item No.	Pkg Type	Case
0915-500ML	Clear Plastic	6
0915-1L	Clear Plastic	6
0915-4L	Clear Plastic	4



DOT: UN 1564 Barium compounds, n.o.s. (Barium Chloride Dihydrate), 6.1, III

Barium Chloride 20% w/v Aqueous Solution

Item No.	Pkg Type	Case
0920-500ML	Clear Plastic	6
0920-1L	Clear Plastic	6
0920-4L	Clear Plastic	4
0920-4LC	Cubitainer®	
0920-20L	Cubitainer®	



DOT: UN 1564 Barium compounds, n.o.s. (Barium Chloride Dihydrate), 6.1, III

Barium Chloride 25% w/v Aqueous Solution

Item No.	Pkg Type	Case
0925-1L	Clear Plastic	6
0925-4L	Clear Plastic	4



DOT: UN 1564 Barium compounds, n.o.s. (Barium Chloride Dihydrate), 6.1, III

Barium Chloride TS Solution (ASTM E200)

Item No.	Pkg Type	Case
ACC005	Clear Plastic	



DOT: UN 1564 Barium compounds, n.o.s. (Barium Chloride Dihydrate), 6.1, III

Barium Chloride TS Prepared to USP42 NF37

Item No.	Pkg Type	Case
SPX793 (500 ML)	Clear Plastic	



DOT: Not Regulated

Barium Diphenylamine Sulfonate 0.1% APHA for Residual Chlorine

Item No.	Pkg Type	Case
0935-100ML	Clear Plastic	
0935-500ML	Clear Plastic	

DOT: Not Regulated

Barium Diphenylamine Sulfonate 0.2% w/v Solution

Item No.	Pkg Type	Case
0936-100ML	Clear Plastic	
0936-500ML	Clear Plastic	

DOT: Not Regulated

Barium Hydroxide Reagent ACS Grade Crystal

Ba(OH)₂•8H₂O F.W. 315.48 CAS# 12230-71-6

Item No.	Pkg Type	Case
B0569-125G	Clear Plastic	12
B0569-500G	Clear Plastic	12



DOT: UN 1564 Barium compounds, n.o.s. (Barium Hydroxide), 6.1, III

Specifications

Assay (Ba(OH) ₂ •8H ₂ O)	≥ 98%
Carbonate (as BaCO ₃)	≤ 2.0%
Insoluble in dilute HCl	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Sulfide (S)	Passes test
Calcium (Ca)	≤ 0.05%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.01%
Strontium (Sr)	≤ 0.8%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%

Barium Nitrate Reagent ACS Grade Crystal

Ba(NO₃)₂ F.W. 261.35 CAS# 10022-31-8

Item No.	Pkg Type	Case
B0680-125G	Clear Plastic	
B0680-500G	Clear Plastic	
B0680-2.5KG	Clear Plastic	4



DOT: UN 1446 Barium nitrate, 5.1(6.1), II

Specifications

Assay	≥ 99.0% Ba(NO ₃) ₂
pH of a 5% solution	5.0 - 8.0 at 25° C
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 5 ppm
Calcium (Ca)	≤ 0.05%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.005%
Strontium (Sr)	≤ 0.1%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 2 ppm

Barium Sulfate Technical Grade Powder

BaSO₄ F.W. 233.4 CAS# 7727-43-7

Item No.	Pkg Type	Case
B0695-500G	Clear Plastic	12
B0695-2.5KG	Clear Plastic	4



DOT: Not Regulated

Base Number Titration Solvent (ASTM D4739)

Item No.	Pkg Type	Case
9552-4L	Amber Glass	4



DOT: UN 1992 Flammable liquids, toxic, n.o.s. (Toluene, Isopropanol, Chloroform), 3(6.1), II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Basic Nitrogen Titration Solvent Prepared to UOP 269

Item No.	Pkg Type	Case
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SPE931 (4 L) Amber Glass



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Toluene, Acetic Acid, Glacial), 3(8), II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Bathocuproine 0.1% w/v APHA for Copper

Item No.	Pkg Type	Case
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0970-100ML Clear Plastic

0970-500ML Clear Plastic

0970-1L Clear Plastic

DOT: Not Regulated

Bees Wax White

C₁₅H₃₁CO₂C₃₀H₆₁ F.W. 677.22 CAS# 8012-89-3

Item No.	Pkg Type	Case
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B0850-454G Paper Wrap 12

B0850-2.2KG Paper Wrap 4

DOT: Not Regulated

Benedict's Qualitative Solution For Detection of Reducing Sugars

Item No.	Pkg Type	Case
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B1065-500ML Clear Plastic 6

B1065-1L Clear Plastic 6

B1065-4L Clear Plastic 4

B1065-20L Cubitainer®



DOT: Not Regulated

Benedict's Quantitative Solution

Item No.	Pkg Type	Case
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B1110-100ML Clear Plastic 12

B1110-500ML Clear Plastic 6

B1110-1L Clear Plastic 6



DOT: Not Regulated

Bentonite Clay 325 Mesh Laboratory Grade

H₂Al₂O₅Si F.W. 180.06 CAS# 1302-78-9

Item No.	Pkg Type	Case
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B1320-500G Clear Plastic 12

B1320-2.5KG Clear Plastic 4



DOT: Not Regulated

Benzoic Acid Reagent ACS Grade Crystal

C₆H₅•COOH F.W. 122.12 CAS# 65-85-0

Item No.	Pkg Type	Case
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B1700-125G Clear Plastic 12

B1700-250G Clear Plastic

B1700-500G Clear Plastic 12

B1700-2.5KG Flint Glass 4

B1700-12KG White Pail



DOT: Not Regulated

Specifications

Assay	≥ 99.5% C ₆ H ₅ COOH
Freezing point	122-123° C
Residue after ignition	≤ 0.005%
Insoluble in methanol	≤ 0.005%
Chlorine compounds (as Cl)	≤ 0.005%
Sulfur compounds (as S)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Substances reducing permanganate	Passes test

Benzoic Acid Laboratory Grade Crystal

C₆H₅•COOH F.W. 122.12 CAS# 65-85-0

Item No.	Pkg Type	Case
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B1702-500G Clear Plastic 12

B1702-2.5KG Clear Plastic 4



DOT: Not Regulated

Benzyl Alcohol (Benzenemethanol) Laboratory Grade

C₇H₈O F.W. 108.14 CAS# 100-51-6

Item No.	Pkg Type	Case
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B1717-500ML Amber Glass

B1717-4L Amber Glass 4

B1717-20L Metal Can



DOT: Not Regulated

Beryllium AA Standard 1,000 ppm in 0.5 mol/L HNO₃ NIST Traceable

Item No.	Pkg Type	Case
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1050-100ML Clear Plastic

1050-500ML Clear Plastic



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

 **WARNING: Cancer** - www.P65Warnings.ca.gov.

Bial's Reagent Solution (for pentoses)

Item No.	Pkg Type	Case
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B2000-500ML Amber Glass 12



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol, Methanol, Ethanol), 3, II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Bis-Cyclohexanone Oxaldihydrazone See Cuprizone

BioTector® TN Cleaning Solution

Item No.	Pkg Type	Case
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ND108 (4 L) Clear Plastic

ND108B (10 L) Clear Plastic

ND108A (20 L) Clear Plastic



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, III



Bismuth Metal Purified

Bi	F.W. 208.98	CAS# 7440-69-9
Item No.	Pkg Type	Case
B2481-100G	Clear Plastic	12
DOT: Not Regulated		

Bismuth Nitrate Reagent ACS Grade Crystal

Bi(NO ₃) ₃ •5H ₂ O	F.W. 485.07	CAS# 10035-06-0
Item No.	Pkg Type	Case
B2502-125G	Amber Glass	
B2502-500G	Amber Glass	
		
DOT: UN 1477 Nitrates, inorganic, n.o.s. (Bismuth Nitrate), 5.1, II		

Specifications

Assay	≥ 98.0% Bi(NO ₃) ₃ •5H ₂ O
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.005%
Arsenic (As)	≤ 0.001%
Calcium (Ca)	≤ 0.005%
Copper (Cu)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Lead (Pb)	≤ 0.002%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.02%
Silver (Ag)	≤ 0.001%

Bismuth Standard 1,000 ppm (1ml = 1mg Bi) NIST Traceable

Item No.	Pkg Type	Case
1250-100ML	Clear Plastic	
1250-500ML	Clear Plastic	
		
DOT: UN 1760 Corrosive liquids, n.o.s. (Nitric Acid), 8, III		

Biuret Solution Single-Stable Solution

Item No.	Pkg Type	Case
B2778-100ML	Clear Plastic	12
B2778-500ML	Clear Plastic	6
B2778-1L	Clear Plastic	6
B2778-4L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, II

BOD Standards See Glucose-Glutamic Acid Solution

Borate Buffer pH 9.5 APHA for Ammonia Nitrogen

Item No.	Pkg Type	Case
1280-500ML	Clear Plastic	6
1280-1L	Clear Plastic	6
1280-4L	Clear Plastic	4
1280-4LC	Cubitainer®	4
1280-4LG	Amber Glass	
1280-20L	Cubitainer®	



DOT: Not Regulated

Boric Acid Reagent ACS Grade

H ₃ BO ₃	F.W. 61.83	CAS# 10043-35-3
Item No.	Pkg Type	Case
B4202-500G	Clear Plastic	12
B4202-2.5KG	Clear Plastic	4
B4202-12KG	White Pail	
B4202-25KG	Fiber Drum	



DOT: Not Regulated

Specifications

Assay	≥ 99.5%
Insoluble in methanol	≤ 0.005%
Nonvolatile with methanol	≤ 0.05%
Chloride (Cl)	≤ 0.001%
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.01%
Calcium (Ca)	≤ 0.005%
Heavy Metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%

Boric Acid Laboratory Grade Granular

H ₃ BO ₃	F.W. 61.83	CAS# 10043-35-3
Item No.	Pkg Type	Case
B4203-500G	Clear Plastic	12
B4203-2.5KG	Clear Plastic	4
B4203-12KG	White Pail	
B4203-25KG	Fiber Drum	



DOT: Not Regulated

Boric Acid 0.6% w/v Aqueous Solution

Item No.	Pkg Type	Case
1281-4L	Clear Plastic	



DOT: Not Regulated

Boric Acid 1% w/v Aqueous Solution

Item No.	Pkg Type	Case
1258-1L	Clear Plastic	6
1258-4L	Clear Plastic	4



DOT: Not Regulated

Boric Acid 1.7% w/v pH 4.6 ± 0.02

Item No.	Pkg Type	Case
SPX210 (4 L)	Clear Plastic	



DOT: Not Regulated

Boric Acid 2% w/v Solution APHA for Nitrogen (Absorbent Solution)

Absorbent Solution

Item No.	Pkg Type	Case
1260-1L	Clear Plastic	6
1260-4L	Clear Plastic	4
1260-4LC	Cubitainer®	4
1260-4LG	Amber Glass	
1260-10L	Cubitainer®	
1260-170	Clear Plastic	
1260-20L	Cubitainer®	



DOT: Not Regulated

Boric Acid 2% w/v Indicating Solution APHA for Ammonia Nitrogen

Item No.	Pkg Type	Case
1262-1L	Amber Plastic	6
1262-4L	Amber Plastic	4
1262-4LC	Cubitainer®	
1262-20L	Cubitainer®	



DOT: Not Regulated

Boric Acid 4% w/v Aqueous Solution

Item No.	Pkg Type	Case
1265-1L	Clear Plastic	6
1265-4L	Clear Plastic	4
1265-4LC	Cubitainer®	
1265-20L	Cubitainer®	



DOT: Not Regulated

Boric Acid 4% w/v Indicating Solution

Item No.	Pkg Type	Case
1267-1L	Amber Plastic	
1267-4L	Amber Plastic	4
1267-10L	Cubitainer®	
1267-20L	Cubitainer®	



DOT: Not Regulated

Boron AA Standard 1,000 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
1350-100ML	Clear Plastic	
1350-500ML	Clear Plastic	



DOT: Not Regulated

Brij® 35, 30% w/v Solution

Item No.	Pkg Type	Case
B6050-1L	Clear Plastic	

DOT: Not Regulated

Bromide-Bromate 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
1356-1L	Amber Plastic	6
1356-20L	Cubitainer®	

DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Bromide-Bromate 0.02 Normal NIST Traceable Solution (ASTM D1159)

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
1361-500ML	Amber Plastic	6
1361-1L	Amber Plastic	6
1361-4L	Amber Plastic	4
1361-20L	Cubitainer®	

DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Bromide-Bromate 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
1362-500ML	Amber Plastic	6
1362-4L	Amber Plastic	4
1362-10L	Cubitainer®	
1362-20L	Cubitainer®	

DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Bromide-Bromate 0.05 Normal NIST Traceable Solution (ASTM D2710)

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
1358-1L	Amber Plastic	6
1358-4L	Amber Plastic	4



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Bromide-Bromate 0.1 Normal NIST Traceable Solution (ASTM D5776)

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
1360-500ML	Amber Plastic	6
1360-1L	Amber Plastic	6
1360-4L	Amber Plastic	4
1360-4LC	Cubitainer®	
1360-10L	Cubitainer®	
1360-20L	Cubitainer®	



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Bromide-Bromate 0.25 Normal NIST Traceable Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
1359-1L	Amber Plastic	6
1359-4L	Amber Plastic	4



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Bromide-Bromate 0.5 N Solution (0.25 Molar) NIST Traceable Solution (ASTM D1159)

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
1363-500ML	Amber Plastic	6
1363-1L	Amber Plastic	6
1363-4L	Amber Plastic	4



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.



Bromine Index Number Titration Solvent (ASTM D5776)

Contains 1-Methyl-2-Pyrrolidinone

Item No.	Pkg Type	Case
1365-1L	Amber Glass	6
1365-4L	Amber Glass	4



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial, Methanol), 8(3), II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Bromine Index Titration Solvent Mercury Free (ASTM D1492)

Item No.	Pkg Type	Case
1367-1L	Amber Glass	
1367-4L	Amber Glass	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Acetic Acid, Glacial, Methanol), 3(8), II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Bromine Number Titration Solvent (ASTM D1159, D2710)

Contains Dichloromethane

Item No.	Pkg Type	Case
1368-1L	Amber Glass	6
1368-4L	Amber Glass	4
1368-277	Amber Glass	
1368-10LHP	Clear Plastic	
1368-20LHP	Clear Plastic	



DOT: UN 3286 Flammable liquid, toxic, corrosive, n.o.s. (Methanol, Dichloromethane, Acetic Acid, Glacial), 3(6.1,8), II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Bromine Number Titration Solvent (Modified w/Toluene)

Item No.	Pkg Type	Case
1369-4L	Amber Glass	4



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Acetic Acid, Glacial, Methanol, Toluene), 3(8), II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Bromine Number Standard 20 gm Br₂/100 gm (ASTM D1159)

Item No.	Pkg Type	Case
SPX081 (1 L)	Amber Glass	
SPX081A (4 L)	Coated Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Octanes, Cyclohexene), 3, II

Bromocresol Green pH 3.8 Yellow-5.4 Green, Reagent ACS Grade

$C_{21}H_{14}Br_4O_5S$	F.W. 698.04	CAS# 76-60-8
Item No.	Pkg Type	Case
B7075-5G	Amber Glass	12
B7075-25G	Amber Glass	
B7075-125G	Clear Plastic	

DOT: Not Regulated

Specifications

Clarity of solution	Passes Test
Visual transition interval	pH 3.8 (yellow) to pH 5.4 (blue)

Bromocresol Green Sodium Salt pH 3.8 Yellow-5.4 Green, Reagent ACS Grade

$C_{21}H_{13}Br_4O_5SNa$	F.W. 720	CAS# 62625-32-5
Item No.	Pkg Type	Case
B7078-5G	Amber Glass	12
B7078-25G	Amber Glass	

DOT: Not Regulated

Specifications

Clarity of solution	Passes Test
Visual transition interval	pH 3.8 (yellow) to pH 5.4 (blue)

Bromocresol Green 0.04% w/v Aqueous Solution pH 3.8 Yellow - 5.4 Green

Item No.	Pkg Type	Case
1370-100ML	Clear Plastic	12
1370-500ML	Clear Plastic	6
1370-1L	Clear Plastic	6

DOT: Not Regulated

Bromocresol Green 0.04% w/v in IPA PH 3.8 Yellow - 5.4 Green

Item No.	Pkg Type	Case
1371-1LFT	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Bromocresol Green 0.1% w/v Aqueous Solution pH 3.8 Yellow - 5.4 Green

Item No.	Pkg Type	Case
1372-100ML	Clear Plastic	
1372-500ML	Clear Plastic	6
1372-1L	Clear Plastic	6
1372-4L	Clear Plastic	4

DOT: Not Regulated

Bromocresol Green 0.1% w/v in IPA, pH 3.8 Yellow - 5.4 Green

Item No.	Pkg Type	Case
1373-500ML	Clear Plastic	6
1373-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Bromocresol Green 1.0% w/v Aqueous Solution pH 3.8 Yellow - 5.4 Green

Item No.	Pkg Type	Case
1377-60ML	Clear Plastic Dropper	
1377-1L	Clear Plastic	6
1377-4L	Clear Plastic	

DOT: Not Regulated

Bromocresol Green-Methyl Red Indicator, APHA for Alkalinity

Item No.	Pkg Type	Case
1380-60ML	Clear Plastic Dropper	
1380-100ML	Clear Plastic	12
1380-250ML	Clear Plastic	12
1380-500ML	Clear Plastic	6
1380-1L	Clear Plastic	6
1380-4L	Clear Plastic	

DOT: Not Regulated

Bromocresol Green-Methyl Red in IPA, APHA for Alkalinity

Item No.	Pkg Type	Case
1385-100ML	Clear Plastic	12
1385-250ML	Clear Plastic	
1385-250MLG	Amber Glass	
1385-500ML	Clear Plastic	6
1385-1L	Clear Plastic	6
1385-1LG	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Bromocresol Purple pH 5.2 Yellow-6.8 Purple, Indicator Grade

C21H16O5SBr2 F.W. 382.43 CAS# 115-40-2

Item No.	Pkg Type	Case
B7087-5G	Amber Glass	12
B7087-25G	Amber Glass	12



DOT: Not Regulated

Bromocresol Purple 0.04% w/v Aqueous Solution

pH 5.2 Yellow - 6.8 Purple

Item No.	Pkg Type	Case
1390-100ML	Clear Plastic	12
1390-500ML	Clear Plastic	6

DOT: Not Regulated

Bromocresol Purple 0.1% w/v Aqueous Solution

pH 5.2 Yellow - 6.8 Purple

Item No.	Pkg Type	Case
1395-60ML	Clear Plastic Dropper	
1395-500ML	Clear Plastic	
1395-1L	Clear Plastic	6

DOT: Not Regulated

Bromocresol Purple 1% w/v Aqueous Solution

pH 5.2 Yellow - 6.8 Purple

Item No.	Pkg Type	Case
1397-1L	Clear Plastic	

DOT: Not Regulated

Bromocresol Purple 5% w/v In Methanol

pH 5.2 Yellow - 6.8 Purple

Item No.	Pkg Type	Case
SPE410 (100 ML)	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Bromophenol Blue Reagent ACS Grade pH 3.0 Yellow- 4.6 Blue

C9H6Br4O3S F.W. 669.98 CAS# 115-39-9

Item No.	Pkg Type	Case
B7099-5G	Amber Glass	12
B7099-10G	Amber Glass	12
B7099-25G	Amber Glass	12
B7099-125G	Clear Plastic	
B7099-250G	Clear Plastic	

DOT: Not Regulated

Specifications

Clarity of solution	Passes test	Passes Test
Visual transition	pH 6.0 (yellow)	Passes Test
	pH 7.6 (Blue)	Passes Test

Bromophenol Blue Sodium Salt Reagent ACS Grade pH 3.0 Yellow- 4.6 Blue

C9H5Br4O3SNa F.W. 691.94 CAS# 34725-61-6

Item No.	Pkg Type	Case
B7102-25G	Amber Glass	12

DOT: Not Regulated

Specifications

Clarity of solution	Passes test
Visual transitional interval	pH 3.0 (yellow) to pH 4.6 (blue)

Bromophenol Blue 0.04% Aqueous Solution pH 3.0 Yellow- 4.6 Blue

Item No.	Pkg Type	Case
1400-60ML	Clear Plastic Dropper	12
1400-100ML	Clear Plastic	12
1400-250ML	Clear Plastic	
1400-500ML	Clear Plastic	6
1400-1L	Clear Plastic	6

DOT: Not Regulated

Bromophenol Blue 0.1% w/v Aqueous Solution pH 3.0 Yellow- 4.6 Blue

Item No.	Pkg Type	Case
1405-100ML	Clear Plastic	
1405-500ML	Clear Plastic	6
1405-1L	Clear Plastic	
1405-4L	Clear Plastic	

DOT: Not Regulated

Bromophenol Blue 0.1% w/v in Ethanol pH 3.0 Yellow- pH 4.6 Blue

Item No.	Pkg Type	Case
1407-100ML	Clear Plastic	
1407-500ML	Clear Plastic	6
1407-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Bromophenol Blue TS 0.1% in Dilute Alcohol

pH 3.0 Yellow - 4.6 Blue

Item No.	Pkg Type	Case
1409-100ML	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Bromophenol Blue 0.4% w/v Aqueous Solution pH 3.0 Yellow- pH 4.6 Blue

Item No.	Pkg Type	Case
1402-500ML	Clear Plastic	
1402-1L	Clear Plastic	

DOT: Not Regulated

Bromophenol Blue 1% w/v Aqueous Solution pH 3.0 Yellow- pH 4.6 Blue

Item No.	Pkg Type	Case
1401-100ML	Clear Plastic	12
1401-250ML	Clear Plastic	
1401-500ML	Clear Plastic	6
1401-1L	Clear Plastic	6

DOT: Not Regulated



Bromothymol Blue

Reagent ACS Grade pH 6.0 Yellow - 7.6 Blue

C₂₇H₂₈BrF₃O₃S F.W. 624.4 CAS# 76-59-5

Item No.	Pkg Type	Case
B7112-10G	Amber Glass	12
B7112-25G	Amber Glass	12

DOT: Not Regulated

Specifications

Clarity of solution	Passes Test
Visual transition interval	pH 6.0 (yellow) to pH 7.6 (blue)

Bromothymol Blue

Sodium Salt, Reagent ACS Grade

C₂₇H₂₇BrO₃SNa F.W. 646.38 CAS# 34722-90-2
pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
B7113-10G	Amber Glass	12
B7113-25G	Amber Glass	12



DOT: Not Regulated

Specifications

Clarity of solution	Passes Test
Visual transition interval	pH 6.0 (yellow) to pH 7.6 (blue)

Bromothymol Blue 0.01%

Aqueous Solution pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
B7119-500ML	Clear Plastic	6

DOT: Not Regulated

Bromothymol Blue 0.04% w/v (w NaOH)

Aqueous Solution pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
1410-100ML	Clear Plastic	12
1410-500ML	Clear Plastic	6
1410-1L	Clear Plastic	6

DOT: Not Regulated

Bromothymol Blue 0.04% w/v (w/o NaOH)

Aqueous

pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
SPX004A (100 ML)	Clear Plastic	
SPX004 (500 ML)	Clear Plastic	6
SPX004B (1 L)	Clear Plastic	

DOT: Not Regulated

Bromothymol Blue 0.04% w/v

in Methanol pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
1416-100ML	Clear Plastic	
1416-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Bromothymol Blue 0.1% w/v

Aqueous Solution (Chloroform Free)

pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
1417-250ML	Clear Plastic	
1417-500ML	Clear Plastic	
1417-4L	Clear Plastic	

Bromothymol Blue 0.1% w/v

Aqueous Solution pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
B7116-500ML	Clear Plastic	6

DOT: Not Regulated

Bromothymol Blue 0.1% w/v

in Ethyl Alcohol

pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
1419-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Bromothymol Blue 0.1%

in Methanol pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
1415-100ML	Clear Plastic	
1415-500ML	Clear Plastic	
1415-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Bromothymol Blue 0.2% w/v

Aqueous Solution pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
1412-1L	Clear Plastic	

DOT: Not Regulated

Bromothymol Blue 1.0%

Aqueous Solution pH 6.0 Yellow - 7.6 Blue

Item No.	Pkg Type	Case
1413-100ML	Clear Plastic	12
1413-500ML	Clear Plastic	6



DOT: Not Regulated

BS&W Solvent

(Prepared to ASTM D1796)

Item No.	Pkg Type	Case
SPX760 (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene), 3, II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Buffer Solutions

See Also Water Hardness Buffer or Phosphate Buffer

Buffer Solution pH 1.01 ± 0.02 @ 25°C NIST Traceable Solution

Item No.	Pkg Type	Case
1430-500ML	Clear Plastic	6
1430-1L	Clear Plastic	6
1430-4L	Clear Plastic	4
1430-4LC	Cubitainer®	4
1430-10L	Cubitainer®	
1430-20L	Cubitainer®	



DOT: Not Regulated

Buffer Solution pH 1.68 ± 0.01 @ 25°C NIST Traceable Solution

Item No.	Pkg Type	Case
1435-500ML	Clear Plastic	6
1435-1L	Clear Plastic	
1435-4L	Clear Plastic	4
1435-10L	Cubitainer®	
1435-20L	Cubitainer®	



DOT: Not Regulated

Buffer pH 2.00 ± 0.02 @ 25° C NIST Traceable Solution

Item No.	Pkg Type	Case
1440-500ML	Clear Plastic	6
1440-1L	Clear Plastic	6
1440-4L	Clear Plastic	4
1440-4LC	Cubitainer®	4
1440-10L	Cubitainer®	
1440-20L	Cubitainer®	



DOT: Not Regulated

Buffer pH 3.00 ± 0.02 @ 25°C NIST Traceable Solution

Item No.	Pkg Type	Case
1450-500ML	Clear Plastic	6
1450-1L	Clear Plastic	6
1450-4L	Clear Plastic	4
1450-10L	Cubitainer®	
1450-20L	Cubitainer®	



DOT: Not Regulated

Buffer pH 4.01 ± 0.01 @ 25°C NIST Traceable (Red)

Item No.	Pkg Type	Case
1460-500ML	Clear Plastic	6
1460-1L	Clear Plastic	6
1460-4L	Clear Plastic	4
1460-4LC	Cubitainer®	4
1460-10L	Cubitainer®	
1460-20L	Cubitainer®	
1460-200L	Poly Drum	

DOT: Not Regulated

Buffer pH 4.01 ± 0.01 @ 25°C NIST Traceable Solution (Clear)

Item No.	Pkg Type	Case
1461-500ML	Clear Plastic	6
1461-1L	Clear Plastic	6
1461-4L	Clear Plastic	4
1461-4LC	Cubitainer®	4
1461-10L	Cubitainer®	
1461-20L	Cubitainer®	

DOT: Not Regulated

Buffer pH 5.00 ± 0.02 @ 25°C NIST Traceable Solution (Clear)

Item No.	Pkg Type	Case
1470-500ML	Clear Plastic	6
1470-1L	Clear Plastic	6
1470-4L	Clear Plastic	4
1470-4LC	Cubitainer®	
1470-20L	Cubitainer®	

DOT: Not Regulated

Buffer pH 6.00 ± 0.02 @ 25° C NIST Traceable Solution

Item No.	Pkg Type	Case
1480-500ML	Clear Plastic	6
1480-1L	Clear Plastic	6
1480-4L	Clear Plastic	4
1480-4LC	Cubitainer®	4
1480-10L	Cubitainer®	
1480-20L	Cubitainer®	



DOT: Not Regulated

Buffer pH 6.86 ± 0.01 @ 25°C NIST Traceable Solution

Item No.	Pkg Type	Case
1490-500ML	Clear Plastic	6
1490-1L	Clear Plastic	6
1490-4L	Clear Plastic	4
1490-4LC	Cubitainer®	
1490-10L	Cubitainer®	
1490-20L	Cubitainer®	

DOT: Not Regulated

Buffer pH 7.00 ± 0.01 @ 25°C NIST Traceable Solution (Yellow)

Item No.	Pkg Type	Case
1500-500ML	Clear Plastic	6
1500-1L	Clear Plastic	6
1500-4L	Clear Plastic	4
1500-4LC	Cubitainer®	4
1500-10L	Cubitainer®	
1500-20L	Cubitainer®	
1500-200L	Poly Drum	

DOT: Not Regulated

Buffer pH 7.00 ± 0.01 @ 25°C NIST Traceable Solution (Clear)

Item No.	Pkg Type	Case
1501-500ML	Clear Plastic	6
1501-1L	Clear Plastic	6
1501-4L	Clear Plastic	4
1501-4LC	Cubitainer®	4
1501-10L	Cubitainer®	
1501-20L	Cubitainer®	

DOT: Not Regulated

Buffer pH 8.00 ± 0.02 @ 25°C NIST Traceable Solution

Item No.	Pkg Type	Case
1510-500ML	Clear Plastic	6
1510-1L	Clear Plastic	6
1510-4L	Clear Plastic	4
1510-4LC	Cubitainer®	4
1510-20L	Cubitainer®	



DOT: Not Regulated



Buffer pH 9.00 ± 0.02 @ 25°C
NIST Traceable Solution

Item No.	Pkg Type	Case
1520-500ML	Clear Plastic	6
1520-1L	Clear Plastic	6
1520-4L	Clear Plastic	4
1520-4LC	Cubitainer®	4
1520-10L	Cubitainer®	
1520-20L	Cubitainer®	
1520-200L	Poly Drum	



DOT: Not Regulated

Buffer pH 9.18 ± 0.01 @ 25°C
NIST Traceable Solution

Item No.	Pkg Type	Case
1521-1L	Clear Plastic	6
1521-4L	Clear Plastic	4
1521-10L	Cubitainer®	
1521-20L	Cubitainer®	



DOT: Not Regulated

Buffer pH 9.21 ± 0.01 @ 25°C
Reference Solution

Item No.	Pkg Type	Case
SPX874 (1 L)	Clear Plastic	
SPX874A (4 L)	Clear Plastic	



DOT: Not Regulated

Buffer pH 9.85 ± 0.02 @ 25°C
NIST Traceable Solution

Item No.	Pkg Type	Case
1522-4L	Clear Plastic	4



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Sodium Borate Decahydrate), 6.1, II

Buffer pH 10.00 ± 0.01 @ 25°C
NIST Traceable Solution (Blue)

Item No.	Pkg Type	Case
1525-500ML	Clear Plastic	6
1525-1L	Clear Plastic	6
1525-4L	Clear Plastic	4
1525-4LC	Cubitainer®	4
1525-10L	Cubitainer®	
1525-20L	Cubitainer®	
1525-200L	Poly Drum	

DOT: Not Regulated

Buffer pH 10.00 ± 0.01 @ 25°C
NIST Traceable Solution (Clear)

Item No.	Pkg Type	Case
1526-500ML	Clear Plastic	6
1526-1L	Clear Plastic	6
1526-4L	Clear Plastic	4
1526-4LC	Cubitainer®	4
1526-10L	Cubitainer®	
1526-20L	Cubitainer®	

DOT: Not Regulated

Buffer pH 11.00 ± 0.02 @ 25°C
NIST Traceable Solution

Item No.	Pkg Type	Case
1528-500ML	Clear Plastic	6
1528-1L	Clear Plastic	6
1528-4L	Clear Plastic	4
1528-4LC	Cubitainer®	4
1528-20L	Cubitainer®	

DOT: Not Regulated

Buffer pH 12.00 ± 0.02 @ 25°C
NIST Traceable Solution

Item No.	Pkg Type	Case
1527-500ML	Clear Plastic	6
1527-1L	Clear Plastic	6
1527-4L	Clear Plastic	4
1527-4LC	Cubitainer®	
1527-20L	Cubitainer®	



DOT: Not Regulated

Buffer pH 12.45 ± 0.02 @ 25°C
NIST Traceable Solution

Item No.	Pkg Type	Case
1530-500ML	Clear Plastic	6
1530-1L	Clear Plastic	6
1530-4L	Clear Plastic	4
1530-10L	Cubitainer®	
1530-20L	Cubitainer®	
1530-200L	Poly Drum	



DOT: Not Regulated

Buffer pH 13.00 ± 0.01 @ 25°C
NIST Traceable Solution

Item No.	Pkg Type	Case
1535-500ML	Clear Plastic	
1535-1L	Clear Plastic	6
1535-4L	Clear Plastic	4
1535-4LC	Cubitainer®	



DOT: Not Regulated

Buffer pH 13.30 ± 0.02 @ 25°C
Reference Solution

Item No.	Pkg Type	Case
SPX322 (1 L)	Clear Plastic	



DOT: Not Regulated

Buffer Stock Solution
EPA 351.2 Total Kjeldahl Nitrogen

Item No.	Pkg Type	Case
1418-500ML	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, III

Buffer Stock Solution A (ASTM D664, D974, D4739)

3 week expiration

Item No.	Pkg Type	Case
1420-100ML	Amber Glass	
1420-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Buffer Stock Solution B (ASTM D664, D974, D4739)

3 week expiration

Item No.	Pkg Type	Case
1421-100ML	Amber Glass	
1421-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Buffer Solution B APHA for Sulfate

Item No.	Pkg Type	Case
1551-500ML	Clear Plastic	



DOT: Not Regulated

Buffer Solution (Hydrogen Peroxide DPD Method)

Item No.	Pkg Type	Case
SPX618 (1 L)	Amber Glass	
SPX618-280 (4 L)	Amber Glass	



DOT: Not Regulated

2-Butoxyethanol (Butyl Cellosolve®) Practical Grade

$C_8H_{18}O_2$ F.W. 118.18 CAS# 111-76-2/1

Item No.	Pkg Type	Case
B8240-500ML	Amber Glass	6
B8240-1L	Amber Glass	6
B8240-4L	Amber Glass	4
B8240-20L	Metal Can	



DOT: Not Regulated

Butter Yellow Indicator (ASTM D128)

Item No.	Pkg Type	Case
1615-100ML	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene), 3, II

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Butyl Acetate Reagent ACS Grade

$CH_3CO_2(CH_2)_3CH_3$ F.W. 116.16 CAS# 123-86-4

Item No.	Pkg Type	Case
B8203-500ML	Amber Glass	6
B8203-1L	Amber Glass	6
B8203-4L	Amber Glass	4
B8203-20L	Metal Can	



DOT: UN 1123 Butyl acetates, 3, II

Specifications

Assay (GC) $CH_3COO(CH_2)_3CH_3$	≥ 99.5%
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.001%
Titration acid	≤ 0.0016 meq/g
Substances darkened by sulfuric acid	Passes test
Water (H_2O)	≤ 0.1%
n-Butyl alcohol (C_4H_9OH)	≤ 0.2%

n-Butyl Alcohol Reagent ACS Grade

$CH_3(CH_2)_3CH_2OH$ F.W. 74.12 CAS# 71-36-3

Item No.	Pkg Type	Case
B8210-500ML	Amber Glass	6
B8210-1L	Amber Glass	6
B8210-4L	Amber Glass	4
B8210-20L	Metal Can	



DOT: UN 1120 Butanols, 3, III

Specifications

Assay	≥ 99.4%
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.005%
Titration acid	≤ 0.0008 meq/g
Carbonyl Compounds (as butyraldehyde)	≤ 0.01%
Butyl ether	≤ 0.2%
Water (H_2O)	≤ 0.1%

n-Butyl Alcohol HPLC Grade

$CH_3(CH_2)_3CH_2OH$ F.W. 74.12 CAS# 71-36-3

Item No.	Pkg Type	Case
B8207-4L	Amber Glass	



DOT: UN 1120 Butanols, 3, III

n-Butyl Alcohol Laboratory Grade 99.0%

$CH_3(CH_2)_3CH_2OH$ F.W. 74.12 CAS# 71-36-3

Item No.	Pkg Type	Case
B8211-500ML	Amber Glass	12
B8211-1L	Amber Glass	6
B8211-4L	Amber Glass	4
B8211-20L	Metal Can	



DOT: UN 1120 Butanols, 3, III



n-Butyl Alcohol Carbonyl Free

CH₃(CH₂)₃CH₂OH F.W. 74.12 CAS# 71-36-3

Item No.	Pkg Type	Case
1610-500ML	Amber Glass	6
1610-1L	Amber Glass	6
1610-4L	Amber Glass	4



DOT: UN 1120 Butanols, 3, III

sec-Butyl Alcohol Laboratory Grade 99.0%

C₄H₉(OH)CH₃ F.W. 74.12 CAS# 78-92-2

Item No.	Pkg Type	Case
B8215-500ML	Amber Glass	6
B8215-1L	Amber Glass	6
B8215-4L	Amber Glass	4
B8215-20L	Metal Can	



DOT: UN 1120 Butanols, 3, III

tert-Butyl Alcohol Reagent ACS Grade

(CH₃)₃COH F.W. 74.12 CAS# 75-65-0

Item No.	Pkg Type	Case
B8275-500ML	Clear Plastic	6
B8275-1L	Clear Plastic	6
B8275-4L	Clear Plastic	4
B8275-20L	Metal Can	



DOT: UN 1120 Butanols, 3, II

Specifications

Assay	≥ 99.0%
Residue after evaporation	≤ 0.003%
Titrateable acid	≤ 0.001 meq/g
Water	≤ 0.1%
Color (APHA)	≤ 20
Carbonyl compounds (as formaldehyde)	≤ 0.01%

Butyl Stearate Low Color

C₂₂H₄₄O₂ F.W. 340.57 CAS# 123-95-5

Item No.	Pkg Type	Case
B8300-500ML	Clear Plastic	
B8300-4L	Clear Plastic	
B8300-20L	Clear Plastic	



DOT: Not Regulated

n-Butyl Sulfide 99%

(CH₃CH₂CH₂CH₂)₂S F.W. 146.29 CAS# 544-40-1

Item No.	Pkg Type	Case
B8450-500ML	Amber Glass	



DOT: Not Regulated

Cadmium Metal Reagent Grade, Sticks

Cd F.W. 112.4 CAS# 7440-43-9/1

Item No.	Pkg Type	Case
C0215-125G	Amber Glass	
C0215-500G	Clear Plastic	



DOT: Not Regulated

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Cadmium AA Standard 1,000 pm w/w, NIST Traceable

In 3 - 5% HNO₃

Item No.	Pkg Type	Case
1650-100ML	Clear Plastic	
1650-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Cadmium Chloride Hydrated Reagent ACS Grade, Crystal

CdCl₂•2 1/2 H₂O F.W. 228.34 CAS# 7790-78-5

Item No.	Pkg Type	Case
C0255-125G	Clear Plastic	
C0255-500G	Clear Plastic	
C0255-2.5kG	Clear Plastic	4



DOT: UN 2570 Cadmium compounds (Cadmium Chloride), 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay (as CdCl ₂)	79.5 - 81.0%
Insoluble matter	≤ 0.005%
Nitrate and nitrite (as NO ₃)	≤ 0.003%
Sulfate (SO ₄)	≤ 0.005%
Ammonium (NH ₄)	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Copper (Cu)	≤ 5 ppm
Lead (Pb)	≤ 0.005%
Potassium (K)	≤ 0.02%
Sodium (Na)	≤ 0.05%
Zinc (Zn)	≤ 0.05%
Iron (Fe)	≤ 5 ppm

Cadmium Sulfate 8/3-Hydrate Reagent ACS Grade Crystal

3CdSO₄•8H₂O F.W. 769.51 CAS# 7790-84-3

Item No.	Pkg Type	Case
C0294-100G	Clear Plastic	
C0294-500G	Clear Plastic	
C0294-2.5KG	Clear Plastic	



DOT: UN 2570 Cadmium compounds (Cadmium Sulfate 8/3-Hydrate), 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	98.0 - 102.0%
	CdSO ₄ • 8/3H ₂ O
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Nitrate & Nitrite (as NO ₃)	≤ 0.003%
Calcium (Ca)	≤ 0.005%
Copper (Cu)	≤ 0.002%
Lead (Pb)	≤ 0.003%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.02%
Zinc (Zn)	≤ 0.05%
Iron (Fe)	≤ 0.001%

Cadmium Sulfate 150.0 g/L (Prepared to ASTM D3227)

Item No.	Pkg Type	Case
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DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Cadmium Sulfate Absorbing Solution

Item No.	Pkg Type	Case
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SPE459 (4 L) Clear Plastic



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Cadmium Sulfate 8/3-Hydrate), 6.1, III



WARNING: Cancer - www.P65Warnings.ca.gov.

Calcium Metal Reagent Grade

Ca F.W. 40.08 CAS# 7440-70-2

Item No.	Pkg Type	Case
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DOT: UN 1401 Calcium, 4.3, II

Calcium AA Standard 1.0 ppm 1 ml = 0.001 mg NIST Traceable

3 month expiration

Item No.	Pkg Type	Case
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DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Calcium AA Standard 1,000 ppm 1 ml = 1 mg NIST Traceable

In 3 - 5% HNO₃

Item No.	Pkg Type	Case
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DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Calcium, Acetate Monohydrate Reagent Grade, Powder

(CH₃COO)₂Ca • H₂O F.W. 176.19 CAS# 62-54-4

Item No.	Pkg Type	Case
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C0535-500G Clear Plastic 12

C0535-2.5KG Clear Plastic 4



DOT: Not Regulated

Specifications

Assay (Ca(CH ₃ COO) ₂ •H ₂ O)	≥ 99.0%
Insolubility matter	≤ 0.005%
Alkalinity	Passes Test
Titration acid	≤ 0.035 meq/g
Chloride (Cl)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.01%
Barium (Ba)	≤ 0.01%
Heavy metals (as Pb)	≤ 0.005%
Iron (Fe)	≤ 0.001%
Magnesium (Mg)	≤ 0.05%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.02%
Strontium (Sr)	≤ 0.05%

Calcium Acetate Purified, Powder

(CH₃COO)₂Ca • H₂O F.W. 176.19 CAS# 62-54-4

Item No.	Pkg Type	Case
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C0533-500G Clear Plastic 12

C0533-12KG White Pail



DOT: Not Regulated

Calcium Bromide Laboratory Grade, Powder

Br₂Ca • xH₂O F.W. 199.89 CAS# 71626-99-8

Item No.	Pkg Type	Case
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C0567-100G Clear Plastic 12

C0567-500G Clear Plastic 12



DOT: Not Regulated

Calcium Carbonate Reagent ACS Grade Powder

CaCO₃ F.W. 100.09 CAS# 471-34-1

Item No.	Pkg Type	Case
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C0595-125G Clear Plastic 12

C0595-500G Clear Plastic 12

C0595-2.5KG Clear Plastic 4

DOT: Not Regulated

Specifications

Assay (dried basis)	≥ 99.0% CaCO ₃
Insoluble in hydrochloric acid	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Fluoride (F)	≤ 0.0015%
Sulfate (SO ₄)	≤ 0.01%
Ammonium (NH ₄)	≤ 0.003%
Barium (Ba)	≤ 0.01%
Heavy Metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.003%
Magnesium (Mg)	≤ 0.02%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.1%
Strontium (Sr)	≤ 0.1%

Calcium Carbonate Precipitated Laboratory Grade, Powder

CaCO₃ F.W. 100.09 CAS# 471-34-1

Item No.	Pkg Type	Case
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C0597-500G Clear Plastic 12

C0597-2.5KG White Pail 4

C0597-12KG White Pail

DOT: Not Regulated

Calcium Carbonate Natural Chalk Powder

CaCO₃ F.W. 100.09 CAS# 471-34-1

Item No.	Pkg Type	Case
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C0606-500G Clear Plastic 12

C0606-2.5KG Clear Plastic 4

DOT: Not Regulated

Calcium Carbonate Standard 100 ppm as CaCO₃

Item No.	Pkg Type	Case
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SPX108 (1 L) Clear Plastic

DOT: Not Regulated



Calcium Carbonate Standard 200 ppm as CaCO₃

Item No.	Pkg Type	Case
SPX107 (1 L)	Clear Plastic	
DOT: Not Regulated		

Calcium Carbonate Standard 250.0 ppm as CaCO₃

Item No.	Pkg Type	Case
1728-1L	Clear Plastic	
DOT: Not Regulated		

Calcium Carbonate Standard 1,000 ppm 1ml = 1 mg CaCO₃

APHA for Hardness

Item No.	Pkg Type	Case
1730-100ML	Clear Plastic	
1730-500ML	Clear Plastic	
1730-1L	Clear Plastic	
1730-4L	Clear Plastic	
DOT: Not Regulated		

Calcium Carbonate Standard 5,000 ppm

Item No.	Pkg Type	Case
SPE429A (100 ML)	Clear Plastic	
SPE429B (500 ML)	Clear Plastic	
SPE429 (1 L)	Clear Plastic	
DOT: Not Regulated		

Calcium Carbonate Standard 50,000 ppm (1ml=50mg CaCO₃)

Item No.	Pkg Type	Case
SPE967 (1 L)	Clear Plastic	
		
DOT: Not Regulated		

Calcium Carbonate Chips See Marble Chips

Calcium Chloride Dihydrate Reagent ACS Grade

CaCl₂•2H₂O F.W. 147.02 CAS# 10035-04-8

Item No.	Pkg Type	Case
C0630-500G	Clear Plastic	12
C0630-2.5KG	Clear Plastic	4
C0630-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (as CaCl ₂ •2H ₂ O)	99 - 105%
pH of a 5% Solution	4.5-8.5 @25°C
Insoluble matter	≤ 0.01%
Oxidizing Substances (as NO ₃)	≤ 0.003%
Sulfate (SO ₄)	≤ 0.01%
Ammonium (NH ₄)	≤ 0.005%
Barium (Ba)	≤ 0.005%
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.02%
Strontium (Sr)	≤ 0.1%

Calcium Chloride Dihydrate Laboratory Grade Powder

CaCl₂•2H₂O F.W. 147.02 CAS# 10035-04-8

Item No.	Pkg Type	Case
C0632-100G	Clear Plastic	
C0632-500G	Clear Plastic	12
C0632-2.5KG	Clear Plastic	4
C0632-12KG	White Pail	



DOT: Not Regulated

Calcium Chloride Approx 4 Mesh Laboratory Grade, Anhydrous

CaCl₂ F.W. 110.99 CAS# 10043-52-4

Item No.	Pkg Type	Case
C0657-500G	Clear Plastic	12
C0657-2.5KG	Clear Plastic	4
C0657-12KG	White Pail	



DOT: Not Regulated

Calcium Chloride 4-8 Mesh Desiccant Grade, Anhydrous

CaCl₂ F.W. 110.99 CAS# 10043-52-4

Item No.	Pkg Type	Case
C0650-500G	Clear Plastic	12
C0650-2.5KG	Clear Plastic	4
C0650-12KG	White Pail	
C0650-50LB	Poly Lined Bag	



DOT: Not Regulated

Calcium Chloride 10 g/L in Mixed Alcohol Solvent (ASTM D3230)

Prepared to ASTM D3230

Item No.	Pkg Type	Case
1655-1L	Amber Glass	
		

DOT: UN 1993 Flammable liquids, n.o.s. (Methanol, Butanols), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Calcium Chloride Solution 2.75% w/v APHA for BOD

Item No.	Pkg Type	Case
1670-500ML	Clear Plastic	6
1670-1L	Clear Plastic	6
1670-4L	Clear Plastic	4

DOT: Not Regulated

Calcium Chloride Solution 5% w/v as CaCl₂•2H₂O

Item No.	Pkg Type	Case
1675-1L	Clear Plastic	

DOT: Not Regulated

Calcium Chloride 0.01 Molar (400 ppm Ca) NIST Traceable Solution

Molarity = 0.0097 - 0.0103 @20°C

Item No.	Pkg Type	Case
1660-500ML	Clear Plastic	
1660-1L	Clear Plastic	
1660-4L	Clear Plastic	

DOT: Not Regulated

Calcium Chloride 0.02 Molar NIST Traceable Solution

Molarity = 0.0195 - 0.0205 @ 20°C

Item No.	Pkg Type	Case
1661-500ML	Clear Plastic	
1661-4L	Clear Plastic	

DOT: Not Regulated

Calcium Chloride 0.1 Molar NIST Traceable Solution

Molarity = 0.0995 - 0.1005 @ 20°C

Item No.	Pkg Type	Case
1663-500ML	Clear Plastic	6
1663-1L	Clear Plastic	6
1663-4L	Clear Plastic	

DOT: Not Regulated

Calcium Gluconate Laboratory Grade, Powder

$C_{12}H_{22}CaO_{14}$ F.W. 430.37 CAS# 299-28-5

Item No.	Pkg Type	Case
C0699-500G	Clear Plastic	
C0699-2.5KG	Clear Plastic	



DOT: Not Regulated

Calcium Hardness Indicator Powder 0.2% Calcon in Sodium Chloride

Item No.	Pkg Type	Case
1700-100G	Clear Plastic	
1700-200G	Clear Plastic	
1700-500G	Clear Plastic	

DOT: Not Regulated

Calcium Hydroxide Reagent ACS Grade

$Ca(OH)_2$ F.W. 74.09 CAS# 1305-62-0

Item No.	Pkg Type	Case
C0713-500G	Clear Plastic	12
C0713-2.5KG	White Pail	4
C0713-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 95.0% $Ca(OH)_2$ and ≤ 3.0% $CaCO_3$
Chloride(Cl)	≤ 0.03%
Sulfur Compounds(as SO_4)	≤ 0.1%
Heavy Metals(as Pb)	≤ 0.003%
Iron(Fe)	≤ 0.05%
Magnesium (Mg)	≤ 0.5%
Potassium (K)	≤ 0.05%
Sodium (Na)	≤ 0.05%
Strontium (Sr)	≤ 0.05%
Insoluble in HCl	≤ 0.03%

Calcium Hydroxide Laboratory Grade Powder

$Ca(OH)_2$ F.W. 74.09 CAS# 1305-62-0

Item No.	Pkg Type	Case
C0727-100G	Clear Plastic	12
C0727-500G	Clear Plastic	
C0727-2.5KG	Clear Plastic	4
C0727-12KG	White Pail	
C0727-50LB	Plastic Bag	



DOT: Not Regulated

Calcium Hypochlorite 65% Available Chlorine, Granular

$Ca(OCl)_2$ F.W. 142.99 CAS# 7778-54-3

Item No.	Pkg Type	Case
C0811-500G	Clear Plastic	
C0811-2.5KG	Clear Plastic	4
C0811-100LB	Fiber Drum	



DOT: UN 1748 Calcium hypochlorite, dry, 5.1, II

Calcium ISA Buffer Solution (4 Molar KCl)

Item No.	Pkg Type	Case
1753-500ML	Clear Plastic	6
1753-1L	Clear Plastic	6

DOT: Not Regulated

Calcium Nitrate Tetrahydrate Reagent ACS Grade

$Ca(NO_3)_2 \cdot 4H_2O$ F.W. 236.15 CAS# 13477-34-4

Item No.	Pkg Type	Case
C0875-125G	Clear Plastic	12
C0875-500G	Clear Plastic	12
C0875-2.5KG	Clear Plastic	
C0875-12KG	White Pail	



DOT: UN 1454 Calcium nitrate, 5.1, III

Specifications

Assay (as $Ca(NO_3)_2 \cdot 4H_2O$)	99.0-103.0%
pH of a 5% solution	5.0-7.0 at 25° C
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.005%
Nitrite (NO_2)	≤ 0.001%
Sulfate (SO_4)	≤ 0.002%
Barium (Ba)	≤ 0.005%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Magnesium (Mg)	≤ 0.05%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.01%
Strontium (Sr)	≤ 0.05%

Calcium Nitrate 10% w/v Solution

Item No.	Pkg Type	Case
SPE255 (4 L)	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Calcium Nitrate Tetrahydrate), 5.1, III



Calcium Oxide Reagent Grade Powder

CaO F.W. 56.08 CAS# 1305-78-8

Item No.	Pkg Type	Case
C0890-500G	Clear Plastic	
C0890-2.5KG	Clear Plastic	
C0890-12KG	White Pail	



DOT: UN 1910 Calcium oxide, 8, III

Specifications

Ammonium hydroxide precipitate	≤ 1.5%
Insoluble in acetic acid	≤ 1.0%
Sulfate (SO ₄)	≤ 0.10%
Loss on ignition	≤ 5%
Heavy metals (as Pb)	≤ 0.01%
Iron (Fe)	≤ 0.10%
Nitrate (NO ₃)	≤ 0.05%
Chloride (Cl)	≤ 0.005%

Calcium Oxide Laboratory Grade Powder

CaO F.W. 56.08 CAS# 1305-78-8

Item No.	Pkg Type	Case
C0892-500G	Clear Plastic	12
C0892-2.5KG	White Pail	4
C0892-10KG	White Pail	
C0892-25KG	Fiber Drum	



DOT: UN 1910 Calcium oxide, 8, III

Calcium Phosphate Tribasic Laboratory Grade Powder

~10CaO • 3P₂O₅ • H₂O F.W. 502.31 CAS# 12167-74-7

Item No.	Pkg Type	Case
C0946-500G	Clear Plastic	12
C0946-2.5KG	Clear Plastic	



DOT: Not Regulated

Calcium Sulfate Reagent ACS Grade Powder

CaSO₄ • 2H₂O F.W. 172.17 CAS# 10101-41-4

Item No.	Pkg Type	Case
C0993-125G	Clear Plastic	12
C0993-500G	Clear Plastic	12
C0993-2.5KG	Clear Plastic	
C0993-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay (CaSO ₄ • 2H ₂ O)	98.0 - 102.0%
Insoluble in dilute hydrochloric acid	≤ 0.02%
Chloride (Cl)	≤ 0.005%
Nitrate (NO ₃)	Passes test
Carbonate (CO ₃)	Passes test
Heavy metals (as Pb)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Magnesium	≤ 0.02%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.02%
Strontium (Sr)	≤ 0.05%

Calcium Sulfate Gypsum, Powder

CaSO₄ • 2H₂O F.W. 172.17 CAS# 10101-41-4

Item No.	Pkg Type	Case
C1010-500G	Clear Plastic	12
C1010-2.5KG	Clear Plastic	4

DOT: Not Regulated

Calcium Sulfate Precipitated Laboratory Grade, Powder

CaSO₄ • 2H₂O F.W. 172.17 CAS# 10101-41-4

Item No.	Pkg Type	Case
C0995-500G	Clear Plastic	
C0995-2.5KG	Clear Plastic	4

DOT: Not Regulated

Calcium Sulfate (Plaster of Paris)

CaSO₄ • 1/2H₂O F.W. 145.16 CAS# 10034-76-1

Item No.	Pkg Type	Case
C0999-500G	Clear Plastic	12
C0999-2.5KG	Clear Plastic	4
C0999-12KG	White Pail	



DOT: Not Regulated

Calmagite Indicator Grade

C₂₇H₁₄N₂O₅S F.W. 358.37 CAS# 3147-14-6

Item No.	Pkg Type	Case
C1063-10G	Clear Plastic	
C1063-25G	Amber Glass	
C1063-100G	Amber Glass	



DOT: Not Regulated

Calmagite 0.1% w/v Indicator Solution For Hardness APHA 2340 C

Item No.	Pkg Type	Case
1754-60ML	Clear Plastic Dropper	
1754-100ML	Clear Plastic	
1754-500ML	Clear Plastic	6
1754-1L	Clear Plastic	6
1754-1LG	Amber Glass	
1754-4L	Clear Plastic	

DOT: Not Regulated

Carbon See Charcoal Listings

Carbon Standards See Total Organic or Inorganic Carbon

Carbonyl Free Methanol See Methanol, Carbonyl Free

Carbon Disulfide Reagent ACS Grade

CS₂ F.W. 76.14 CAS# 75-15-0

Item No.	Pkg Type	Case
C1400-500ML	Amber Glass	
C1400-2.5L	Coated Glass	



DOT: UN 1131 Carbon disulfide, 3(6.1), I

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.9% CS ₂
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.002%
Hydrogen sulfide (H ₂ S)	Passes Test
Sulfur dioxide (SO ₂)	Passes Test
Water (H ₂ O)	≤ 0.05%

Carmine Biological Stain Natural Red 4, Laboratory Grade

C₂₂H₂₀O₁₃ F.W. 492.39 CAS# 1390-65-4

Item No.	Pkg Type	Case
C1737-10G	Amber Glass	
C1737-25G	Amber Glass	

DOT: Not Regulated

Carmine Reagent APHA for Boron

Item No.	Pkg Type	Case
1755-500ML	Coated Glass	
1755-1L	Coated Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Carnoy's Solution (Fixative)

Item No.	Pkg Type	Case
C1817-500ML	Clear Plastic	6



DOT: UN 3286 Flammable liquid, toxic, corrosive, n.o.s. (Ethanol, Chloroform, Acetic Acid, Glacial), 3(6.1,8), II

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Caustic Potash See Potassium Hydroxide

Caustic Soda See Sodium Hydroxide

Catalyst Reagent (Prepared to ASTM D3228)

Item No.	Pkg Type	Case
7710-100GM	Amber Glass	



DOT: UN 3288 Toxic solid, inorganic, n.o.s. (Mercuric Oxide (Red)), 6.1, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

CDTA (1,2-Cyclohexylenedinitrilo- tetraacetic Acid), Reagent Grade

C₁₄H₂₂N₄O₈•H₂O F.W. 364.348 CAS# 125572-95-4

Item No.	Pkg Type	Case
D4100-25G	Clear Plastic	
D4100-100G	Clear Plastic	
D4100-500G	Clear Plastic	



DOT: Not Regulated

Specifications

Assay (anhydrous basis)	>98.0%
Appearance	White Powder
Solubility in NaOH	Clear
Residue after ignition	≤ 0.3%
Loss on Drying	4.0 - 6.0%

CDTA Titrant 0.00200 Normal NIST Traceable Solution

Normality = 0.00190 - 0.00210 @20°C

Item No.	Pkg Type	Case
SPE441 (10 L)	Cubitainer®	

DOT: Not Regulated

Ceric Ammonium Nitrate Reagent ACS Grade

(NH₄)₂Ce(NO₃)₆ F.W. 548.22 CAS# 16774-21-3

Item No.	Pkg Type	Case
C2372-125G	Amber Glass	
C2372-500G	Clear Plastic	
C2372-2.5KG	Clear Plastic	



DOT: UN 1477 Nitrates, inorganic, n.o.s. (Ceric Ammonium Nitrate), 5.1, II

Specifications

Assay	≥ 98.5%
Insoluble in dilute H ₂ SO ₄	≤ 0.05%
Chloride (Cl)	≤ 0.01%
Phosphate (PO ₄)	≤ 0.02%
Iron (Fe)	≤ 0.005%

Ceric Acid Sulfate 0.002 N (Prepared to ASTM D2193)

Item No.	Pkg Type	Case
SPX377A (1 L)	Amber Glass	
SPX377 (4 L)	Amber Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Ceric Sulfate 0.01 Normal Solution, Certified

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
1734-1L	Amber Glass	6
1734-4L	Amber Glass	4



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II



Ceric Sulfate

0.02 Normal in 2 Normal Sulfuric Acid

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
SPX283 (1 L)	Amber Plastic	6
SPX283A (4 L)	Amber Plastic	4



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Ceric Sulfate

0.05 Normal Solution, Certified

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
1736-1L	Amber Glass	6
1736-4L	Amber Glass	4



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Ceric Sulfate Titrant

0.1 Normal Solution, Certified

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
1760-500ML	Amber Glass	6
1760-1L	Amber Glass	6
1760-4L	Amber Glass	4
1760-4LC	Cubitainer®	4
1760-10L	Cubitainer®	
1760-20L	Cubitainer®	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Ceric Sulfate

0.2 Normal in 2 Normal Sulfuric Acid

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
SPX284 (1 L)	Amber Plastic	6
SPX284A (4 L)	Amber Plastic	4



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Ceric Sulfate Titrant

0.25 Normal Solution, Certified

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
SPX048 (4 L)	Amber Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Ceric Sulfate Titrant

0.5 Normal Solution, Certified

Normality = 0.4980 - 0.5020 @20°C

Item No.	Pkg Type	Case
1759-4L	Amber Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Cerium Standard 1,000 ppm w/v in 3.5% Nitric Acid

Item No.	Pkg Type	Case
1758-100ML	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Nitric Acid), 8, II

Cesium Chloride, 99%

CsCl F.W. 0.168 CAS# 7647-17-8

Item No.	Pkg Type	Case
C2384-10G	Clear Plastic	12
C2384-25G	Clear Plastic	12
C2384-100G	Clear Plastic	



DOT: Not Regulated

Cetyltrimethylammonium Bromide, 98%

C₁₉H₄₂N•Br F.W. 364.45 CAS# 57-09-0

Item No.	Pkg Type	Case
C2701-100G	Amber Glass	
C2701-500G	Amber Glass	



DOT: UN 2811 Toxic solids, organic, n.o.s. (Cetyltrimethylammonium Bromide, 98%), 6.1, II

Charcoal Coconut Activated

8-12 Mesh

C F.W. 12.01 CAS# 68647-86-9

Item No.	Pkg Type	Case
C3100-500G	Clear Plastic	12
C3100-2.5KG	Clear Plastic	4
C3100-25LB	Fiber Drum	
C3100-50LB	Fiber Drum	

DOT: Not Regulated

Chloride Indicator

for Zinc Plating Analysis

Item No.	Pkg Type	Case
SPX854 (500 G)	Clear Plastic	



DOT: UN 2811 Toxic solids, organic, n.o.s. (Potassium Dichromate), 6.1, III

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Chloride Standard

0 ppm Blank

Item No.	Pkg Type	Case
1740-100ML	Clear Plastic	

DOT: Not Regulated

Chloride Standard

0.1 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1777-500ML	Clear Plastic	

DOT: Not Regulated

Chloride Standard

0.5 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1761-100ML	Clear Plastic	
1761-500ML	Clear Plastic	
1761-1L	Clear Plastic	
1761-4L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 1.0 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1762-100ML	Clear Plastic	
1762-500ML	Clear Plastic	
1762-1L	Clear Plastic	
1762-4L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 2.0 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1778-1L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 5.0 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1771-100ML	Clear Plastic	
1771-500ML	Clear Plastic	
1771-1L	Clear Plastic	
1771-4L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 10.0 ppm w/w as Cl, NIST Traceable Solution

Item No.	Pkg Type	Case
1763-100ML	Clear Plastic	
1763-100MLWM	Clear Plastic	
1763-250ML	Clear Plastic	
1763-500ML	Clear Plastic	
1763-1L	Clear Plastic	
1763-4L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 25.0 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1776-100ML	Clear Plastic	
1776-250ML	Clear Plastic	
1776-1L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 30.0 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1774-250ML	Clear Plastic	
1774-500ML	Clear Plastic	

DOT: Not Regulated

Chloride Standard 50.0 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1767-100ML	Clear Plastic	
1767-250ML	Clear Plastic	
1767-500ML	Clear Plastic	
1767-1L	Clear Plastic	
1767-4L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 100.0 ppm w/w (1ml = 0.1mg Cl), NIST Traceable

Item No.	Pkg Type	Case
1766-100ML	Clear Plastic	
1766-100MLWM	Clear Plastic	
1766-250ML	Clear Plastic	
1766-500ML	Clear Plastic	
1766-1L	Clear Plastic	
1766-4L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 200 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1768-500ML	Clear Plastic	

DOT: Not Regulated

Chloride Standard 250.0 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1756-500ML	Clear Plastic	
1756-1L	Clear Plastic	
1756-4L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 500 ppm w/w as Cl, NIST Traceable Solution

Item No.	Pkg Type	Case
1765-100ML	Clear Plastic	
1765-500ML	Clear Plastic	
1765-1L	Clear Plastic	
1765-4L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 1,000 ppm w/w NIST Traceable Solution

Item No.	Pkg Type	Case
1764-100ML	Clear Plastic	
1764-100MLWM	Clear Plastic	
1764-250ML	Clear Plastic	
1764-500ML	Clear Plastic	
1764-1L	Clear Plastic	
1764-4L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 5,000 ppm w/w, NIST Traceable Solution

Item No.	Pkg Type	Case
1772-500ML	Clear Plastic	
1772-1L	Clear Plastic	

DOT: Not Regulated

Chloride Standard 10,000 ppm Cl 1 ml = 10 mg Cl, NIST Traceable

Item No.	Pkg Type	Case
SPE123 (500 ML)	Clear Plastic	
SPE123-155 (4 L)	Clear Plastic	
SPE123-980 (20 L)	Cubitainer®	

DOT: Not Regulated

Chloride Standard 0.0141 Normal (500 ppm Cl-) NIST Traceable Solution

Normality = 0.0138 - 0.0144 @20°C

Item No.	Pkg Type	Case
1770-100ML	Clear Plastic	
1770-500ML	Clear Plastic	6
1770-1L	Clear Plastic	6
1770-4L	Clear Plastic	4

DOT: Not Regulated



Chloride Standard 0.100 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
1790-500ML	Clear Plastic	
1790-1L	Clear Plastic	
1790-4L	Clear Plastic	

DOT: Not Regulated

Chlorine Standard 100 ppm as Cl₂, NIST Traceable Solution

Assay = 98.0 - 102.0 ppm as Cl₂ - Exp. 2 month

Item No.	Pkg Type	Case
1792-250ML	Amber Glass	
1792-500ML	Amber Glass	
1792-1L	Amber Glass	

DOT: Not Regulated

Chlorine Standard 250 ppm as Cl₂, NIST Traceable Solution

Assay = 246.0 - 254.0 ppm as Cl₂ - Exp. 2 month

Item No.	Pkg Type	Case
1793-250ML	Amber Plastic	

DOT: Not Regulated

Chlorine Standard 500 ppm as Cl₂, NIST Traceable Solution

Assay = 495.0 - 505.0 ppm as Cl₂ - Exp. 2 month

Item No.	Pkg Type	Case
1794-1L	Amber Plastic	

DOT: Not Regulated

Chlorine Standard 1,000 ppm as Cl₂, NIST Traceable Solution

Assay = 995.0 - 1005.0 ppm as Cl₂ - Exp. 2 month

Item No.	Pkg Type	Case
1795-500ML	Amber Plastic	



DOT: Not Regulated

Chlorine Tablets Jumbo 3" (35 LBS)

Item No.	Pkg Type	Case
C3585-35LB	White Pail	



DOT: UN 2468 Trichloroisocyanuric acid, dry, 5.1, II

Chlorobenzene Reagent ACS Grade

C ₆ H ₅ Cl	F.W. 112.56	CAS# 108-90-7
Item No.	Pkg Type	Case
C3602-500ML	Amber Glass	
C3602-1L	Amber Glass	6
C3602-4L	Amber Glass	4
C3602-20L	Metal Can	
C3602-200L	Metal Drum	



DOT: UN 1134 Chlorobenzene, 3, III

Specifications

Assay (as C ₆ H ₅ Cl)	≥ 99.5%
Color (APHA)	≤ 30
Residue after evaporation	≤ 0.02%
Titration acid	≤ 0.004 meq/g

Chlorobenzene Laboratory Grade

C ₆ H ₅ Cl	F.W. 112.56	CAS# 108-90-7
Item No.	Pkg Type	Case
C3601-1L	Amber Glass	
C3601-4L	Amber Glass	4
C3601-20L	Metal Can	



DOT: UN 1134 Chlorobenzene, 3, III

Chloroform Reagent ACS Grade (Ethanol Stabilized)

CHCl ₃	F.W. 119.38	CAS# 67-66-3
Item No.	Pkg Type	Case
C3605-250ML	Amber Glass	
C3605-500ML	Amber Glass	6
C3605-1L	Amber Glass	6
C3605-4L	Amber Glass	4
C3605-4L(PVC)	Coated Glass	4
C3605-20L	Metal Can	
C3605-200L	Metal Drum	



DOT: UN 1888 Chloroform, 6.1, III

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.8%
Residue after evaporation	≤ 0.001%
Acetone and aldehyde	To pass test
Acid and chloride	To pass test
Free Chlorine (Cl)	To pass test
Lead (Pb)	≤ 0.05 ppm
Substances darkened by sulfuric acid	To pass test
Color (APHA)	≤ 10

Chloroform HPLC Grade (Ethanol Stabilized)

CHCl ₃	F.W. 119.38	CAS# 67-66-3
Item No.	Pkg Type	Case
C3607-4L	Amber Glass	4



DOT: UN 1888 Chloroform, 6.1, III

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.8%
Stabilizer - Ethanol	0.5 - 1.0%
Liquid chromatography suitability	To pass test
Color (APHA)	≤ 10
Residue after evaporation	≤ 3 ppm
Acetone and aldehyde [as (CH ₃) ₂ CO]	
limit about 0.005%	To pass test
Acid and chloride	To pass test
Free chlorine (Cl)	To pass test
Lead (Pb)	≤ 0.005 ppm
Suitability for use in dithizone tests	To pass test
Water (H ₂ O)	≤ 0.02%

Chloroform HPLC (Alkene Stabilizer)

CHCl₃ F.W. 119.38 CAS# 67-66-3

Item No.	Pkg Type	Case
C3606-4L	Amber Glass	4



DOT: UN 1888 Chloroform, 6.1, III

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Chloroform HPLC Grade (Amylene Stabilized)

CHCl₃ F.W. 119.38 CAS# 67-66-3

Item No.	Pkg Type	Case
C3609-4L	Amber Glass	



DOT: UN 1888 Chloroform, 6.1, III

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.8%
Stabilizer - amylene	
Liquid chromatography suitability	To pass test
Color (APHA)	≤ 10
Residue after evaporation	≤ 2 ppm
Acetone and aldehyde [as (CH ₃) ₂ CO]	
limit about 0.005%	To pass test
Acid and chloride	To pass test
Free chlorine (Cl)	To pass test
Lead (Pb)	≤ 0.05 ppm
Suitability for use in dithizone tests	To pass Test
Water (H ₂ O)	≤ 0.02%

Chloroform Laboratory Grade

CHCl₃ F.W. 119.38 CAS# 67-66-3

Item No.	Pkg Type	Case
C3608-500ML	Amber Glass	
C3608-4L	Amber Glass	
C3608-20L	Metal Can	
C3608-200L	Metal Drum	



DOT: UN 1888 Chloroform, 6.1, III

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Chlorophenol Red 0.04% w/v Solution

Item No.	Pkg Type	Case
1820-100ML	Amber Glass	12
1820-250ML	Amber Glass	
1820-500ML	Amber Glass	6

DOT: Not Regulated

Chromic Acid See Also Chromium Trioxide

Chromic Acid Cleaning Solutions See Cleaners and Cleaning Solutions

Chromic Acid 5.0% w/v Solution

Item No.	Pkg Type	Case
ND523 (4 L)	Beta Bottle	



DOT: UN 1755 Chromic acid solution, 8, II

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Chromium (Hexavalent) 50.0 ppm w/v 1 ml = 0.05 mg Cr

Item No.	Pkg Type	Case
1857-100ML	Clear Plastic	

DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Chromium (Hexavalent) 100 ppm w/v 1 ml = 0.1 mg Cr

Item No.	Pkg Type	Case
1856-100ML	Clear Plastic	

DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Chromium (Hexavalent) 1,000 ppm w/v 1 ml = 1 mg Cr

Item No.	Pkg Type	Case
1855-100ML	Clear Plastic	12
1855-500ML	Clear Plastic	



DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Chromium AA Standard 1,000 ppm in 0.5 mol/L HNO₃ NIST Traceable

Item No.	Pkg Type	Case
1850-100ML	Clear Plastic	
1850-250ML	Clear Plastic	
1850-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Chromium Chloride Reagent Grade, Crystal

CrCl₃•6H₂O F.W. 266.45 CAS# 10060-12-5

Item No.	Pkg Type	Case
C4544-125G	Clear Plastic	
C4544-500G	Clear Plastic	



DOT: Not Regulated

Specifications

Titration with Na ₂ S ₂ O ₃	≥ 97.5%
Appearance (Color)	Dark Green
Appearance (Form)	Crystalline Powder
Sulfate (SO ₄)	≤ 500 ppm
Iron (Fe)	≤ 300 ppm



Chromium Trioxide Reagent Grade ACS Crystal

CrO₃ F.W. 99.99 CAS# 1333-82-0

Item No.	Pkg Type	Case
C4708-125G	Amber Glass	
C4708-250G	Amber Glass	
C4708-500G	Amber Glass	
C4708-2.5KG	Clear Glass	



DOT: UN 1463 Chromium trioxide, anhydrous, 5.1(6.1,8), II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 98.0% CrO ₃
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.005%
Nitrate (NO ₃)	≤ 0.05%
Sulfate (SO ₄)	≤ 0.005%
Aluminum (Al)	≤ 0.02%
Barium (Ba)	≤ 0.01%
Iron (Fe)	≤ 0.02%
Sodium (Na)	≤ 0.2%

Chromium Trioxide Laboratory Grade Crystal

CrO₃ F.W. 99.99 CAS# 1333-82-0

Item No.	Pkg Type	Case
C4709-500G	Amber Glass	12
C4709-2.5KG	Clear Glass	4
C4709-12KG	White Pail	



DOT: UN 1463 Chromium trioxide, anhydrous, 5.1(6.1,8), II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Citric Acid Anhydrous Reagent ACS Grade

C₆H₈O₇ F.W. 192.12 CAS# 77-92-9

Item No.	Pkg Type	Case
C5512-500G	Clear Plastic	12
C5512-2.5KG	Clear Plastic	
C5512-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 99.5% (C ₆ H ₈ O ₇)
Residue after ignition	≤ 0.02%
Chloride (Cl)	≤ 0.001%
Oxalate (C ₂ O ₄)	To pass test
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.002%
Iron (Fe)	≤ 3 ppm
Lead (Pb)	≤ 2 ppm
Substances carbonizable by hot sulfuric acid (tartrates, etc.)	To pass test
Insoluble matter	≤ 0.005%

Citric Acid Anhydrous Laboratory Grade

C₆H₈O₇ F.W. 192.12 CAS# 77-92-9

Item No.	Pkg Type	Case
C5507-500G	Clear Plastic	12
C5507-2.5KG	Clear Plastic	4
C5507-5LB	Clear Plastic	
C5507-50LB	Poly Lined Bag	



DOT: Not Regulated

Citric Acid Monohydrate Reagent ACS Crystal

C₆H₈O₇•H₂O F.W. 210.14 CAS# 5949-29-1

Item No.	Pkg Type	Case
C5504-125G	Clear Plastic	12
C5504-500G	Clear Plastic	12
C5504-2.5KG	Clear Plastic	4
C5504-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (as C ₆ H ₈ O ₇ •H ₂ O)	99.0 - 102.0%
Insoluble matter	≤ 0.005%
Residue after ignition	≤ 0.02%
Chloride (Cl)	≤ 0.001%
Oxalate (C ₂ O ₄)	Passes Test
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.002%
Iron (Fe)	≤ 3 ppm
Lead (Pb)	≤ 2 ppm
Substances carbonizable by hot sulfuric acid	Passes test

Citric Acid Monohydrate Laboratory Grade Crystal

C₆H₈O₇•H₂O F.W. 210.14 CAS# 5949-29-1

Item No.	Pkg Type	Case
C5506-100G	Clear Plastic	12
C5506-500G	Clear Plastic	12
C5506-2.5KG	Clear Plastic	4
C5506-12KG	White Pail	



DOT: Not Regulated

Citric Acid 1.0 Molar Solution APHA For Radium

Item No.	Pkg Type	Case
1866-500ML	Clear Plastic	6
1866-1L	Clear Plastic	6
1866-4L	Clear Plastic	4



DOT: Not Regulated

Citric Acid 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
1862-500ML	Clear Plastic	4
1862-4L	Clear Plastic	
1862-10L	Cubitainer®	
1862-20L	Cubitainer®	

DOT: Not Regulated

Citric Acid 25% w/v Aqueous Solution

Item No.	Pkg Type	Case
1864-500ML	Clear Plastic	
1864-4L	Clear Plastic	
1864-10L	Cubitainer®	
1864-20L	Cubitainer®	
1864-30GAL	Poly Drum	



DOT: Not Regulated

Citric Acid 1:1 (50% w/w) Solution

Item No.	Pkg Type	Case
1865-1L	Clear Plastic	6
1865-4L	Clear Plastic	4
1865-10L	Cubitainer®	
1865-20L	Cubitainer®	
1865-20LHP	Clear Plastic	
1865-30GAL	Poly Drum	
1865-200L	Poly Drum	



DOT: Not Regulated

Citric Acid 50% w/v Solution

Item No.	Pkg Type	Case
SPE819 (4 L)	Clear Plastic	
SPE819C (10 L)	Cubitainer®	
SPE819B (20 L)	Clear Plastic	
SPE819A (200 L)	Drum	



DOT: Not Regulated

Clark's Reagent

Item No.	Pkg Type	Case
SPX622 (1 L)	Coated Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid), 8, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Cleaner, Chromic Acid (Dichromate-Sulfuric Acid)

Item No.	Pkg Type	Case
1870-500ML	Amber Glass	
1870-1L	Amber Glass	
1870-1LPVC	Coated Glass	
1870-2.5L	Coated Glass	
1870-4L	Coated Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Cleaning Solution (APHA 2580 B and ASTM D1498)

Item No.	Pkg Type	Case
1872-1L	Coated Glass	6



DOT: UN 1830 Sulfuric acid solution, 8, II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Cleaning Solution, Glass (ASTM D1094)

Item No.	Pkg Type	Case
3945-1L	Coated Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Cleaning Solution for BioTector® TN Analyzer

Item No.	Pkg Type	Case
1878-10LHP	Clear Plastic	
1878-20LHP	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid), 8, III

Cobalt AA Standard 1,000 mg/L (ppm) in 2 - 5% HNO₃

Item No.	Pkg Type	Case
2150-100ML	Clear Plastic	
2150-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Cobalt Chloride Hexahydrate Reagent ACS Grade

CoCl₂•6H₂O F.W. 237.93 CAS# 7791-13-1

Item No.	Pkg Type	Case
C5835-125G	Clear Plastic	
C5835-500G	Clear Plastic	
C5835-2.5KG	Clear Plastic	



DOT: Not Regulated

Specifications

Assay (as CoCl ₂ •6H ₂ O)	98.0 - 102.0%
Insoluble Matter	≤ 0.01%
Nitrate (NO ₃)	≤ 0.01%
Sulfate (SO ₄)	≤ 0.01%
Calcium (Ca)	≤ 0.005%
Copper (Cu)	≤ 0.002%
Iron (Fe)	≤ 0.005%
Magnesium (Mg)	≤ 0.005%
Nickel (Ni)	≤ 0.1%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.05%
Zinc (Zn)	≤ 0.03%



Cobalt Chloride 59.5 mg/ml (Red Solution) (ASTM D848, D565)

Item No.	Pkg Type	Case
1955-500ML	Amber Glass	
1955-1L	Amber Glass	



DOT: Not Regulated

Coca's Solution (ASTM D516)

Item No.	Pkg Type	Case
ND352 (1 L)	Amber Glass	
ND352A (4 L)	Amber Glass	

DOT: Not Regulated

COD Standard 20 ppm Certified Solution

Assay = 18.0 - 22.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
SPX819 (100 ML)	Clear Plastic	

DOT: Not Regulated

COD Standard 25 ppm Certified Solution

Assay = 23.0 - 27.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2154-500ML	Clear Plastic	

DOT: Not Regulated

COD Standard 50 ppm Certified Solution

Assay = 47.0 - 53.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2160-500ML	Clear Plastic	
2160-1L	Clear Plastic	

DOT: Not Regulated

COD Standard 100 ppm Certified Solution

Assay = 97.0 - 103.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2161-250ML	Clear Plastic	
2161-500ML	Clear Plastic	
2161-1L	Clear Plastic	

DOT: Not Regulated

COD Standard 125 ppm Certified Solution

Assay = 120.0 - 130.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2153-250ML	Clear Plastic	
2153-500ML	Clear Plastic	

DOT: Not Regulated

COD Standard 150 ppm Certified Solution

Assay = 140.0 - 160.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2162-1L	Clear Plastic	

DOT: Not Regulated

COD Standard 175 ppm Certified Solution

Assay = 170.0 - 180.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2166-500ML	Clear Plastic	

DOT: Not Regulated

COD Standard 200 ppm Certified Solution

Assay = 195.0 - 205.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2163-500ML	Clear Plastic	

DOT: Not Regulated

COD Standard 250 ppm Certified Solution

Assay = 245.0 - 255.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2164-500ML	Clear Plastic	

DOT: Not Regulated

COD Standard 300 ppm Certified Solution

Assay = 290.0 - 310.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2159-500ML	Clear Plastic	

DOT: Not Regulated

COD Standard 500 ppm Certified Solution

Assay = 485.0 - 515.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2165-500ML	Clear Plastic	

DOT: Not Regulated

COD Standard 1,000 ppm Certified Solution

Assay = 975.0 - 1025.0 ppm, Exp. 2 month

Item No.	Pkg Type	Case
2167-500ML	Clear Plastic	
2167-1L	Clear Plastic	

DOT: Not Regulated

COD Standard 1,500 ppm Certified Solution

Assay = 1350 - 1650 ppm, Exp. 2 month

Item No.	Pkg Type	Case
SPE802 (500 ML)	Clear Plastic	
SPE802A (1 L)	Clear Plastic	

DOT: Not Regulated

Color Developing Reagent APHA / EPA For Nitrate Nitrogen

3 month expiration

Item No.	Pkg Type	Case
2168-500ML	Amber Plastic	
2168-1L	Amber Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid 85%), 8, III

Color Developing Reagent APHA For Nitrate/Nitrite Nitrogen

3 month expiration

Item No.	Pkg Type	Case
2157-500ML	Amber Plastic	
2157-1L	Amber Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Phosphoric Acid 85%), 8, III

Color Solution For Total Nitrogen

Item No.	Pkg Type	Case
ND426 (4 L)	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Phosphoric Acid 85%), 8, III

Color Standards See also Acid Wash or Gardner Color Standards

Color Standard 0 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2181-100ML	Amber Glass	
2181-250ML	Amber Glass	
2181-1L	Amber Glass	

DOT: Not Regulated

Color Standard 1 Unit APHA for Hazen Color

Item No.	Pkg Type	Case
2170-100ML	Amber Glass	
2170-250ML	Amber Glass	
2170-500ML	Amber Glass	
2170-1L	Amber Glass	

DOT: Not Regulated

Color Standard 2 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2179-100ML	Amber Glass	
2179-500ML	Amber Glass	
2179-1L	Amber Glass	

DOT: Not Regulated

Color Standard 3 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2171-100ML	Amber Glass	
2171-250ML	Amber Glass	
2171-500ML	Amber Glass	
2171-1L	Amber Glass	

DOT: Not Regulated

Color Standard 4 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2172-100ML	Amber Glass	
2172-500ML	Amber Glass	

DOT: Not Regulated

Color Standard 5 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2182-100ML	Amber Glass	
2182-250ML	Amber Glass	
2182-500ML	Amber Glass	
2182-1L	Amber Glass	
2182-4L	Amber Glass	
2182-20L	Cubitainer®	

DOT: Not Regulated

Color Standard 6 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2173-100ML	Amber Glass	
2173-500ML	Amber Glass	



DOT: Not Regulated

Color Standard 7 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2174-100ML	Amber Glass	
2174-500ML	Amber Glass	



DOT: Not Regulated

Color Standard 8 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2175-100ML	Amber Glass	
2175-250ML	Amber Glass	
2175-500ML	Amber Glass	



DOT: Not Regulated

Color Standard 9 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2176-100ML	Amber Glass	
2176-500ML	Amber Glass	



DOT: Not Regulated

Color Standard 10 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2183-100ML	Amber Glass	
2183-250ML	Amber Glass	
2183-500ML	Amber Glass	
2183-1L	Amber Glass	
2183-4L	Amber Glass	
2183-4LC	Cubitainer®	



DOT: Not Regulated

Color Standard 15 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2184-100ML	Amber Glass	
2184-250ML	Amber Glass	
2184-500ML	Amber Glass	
2184-1L	Amber Glass	
2184-4L	Amber Glass	



DOT: Not Regulated

Color Standard 20 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2185-100ML	Amber Glass	
2185-250ML	Amber Glass	
2185-500ML	Amber Glass	
2185-1L	Amber Glass	
2185-4L	Amber Glass	



DOT: Not Regulated



Color Standard 25 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2201-100ML	Amber Glass	
2201-250ML	Amber Glass	
2201-500ML	Amber Glass	
2201-1L	Amber Glass	



DOT: Not Regulated

Color Standard 30 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2186-100ML	Amber Glass	
2186-250ML	Amber Glass	
2186-500ML	Amber Glass	
2186-1L	Amber Glass	



DOT: Not Regulated

Color Standard 40 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2187-100ML	Amber Glass	
2187-500ML	Amber Glass	



DOT: Not Regulated

Color Standard 50 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2188-100ML	Amber Glass	
2188-250ML	Amber Glass	
2188-500ML	Amber Glass	
2188-1L	Amber Glass	
2188-4L	Amber Glass	



DOT: Not Regulated

Color Standard 60 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2202-100ML	Amber Glass	
2202-250ML	Amber Glass	
2202-500ML	Amber Glass	
2202-1L	Amber Glass	



DOT: Not Regulated

Color Standard 70 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2203-100ML	Amber Glass	
2203-250ML	Amber Glass	
2203-500ML	Amber Glass	



DOT: Not Regulated

Color Standard 75 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2213-500ML	Amber Glass	



DOT: Not Regulated

Color Standard 80 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2189-100ML	Amber Glass	
2189-500ML	Amber Glass	



DOT: Not Regulated

Color Standard 90 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2204-100ML	Amber Glass	
2204-250ML	Amber Glass	
2204-500ML	Amber Glass	



Color Standard 100 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2190-100ML	Amber Glass	
2190-250ML	Amber Glass	
2190-500ML	Amber Glass	
2190-1L	Amber Glass	
2190-4L	Amber Glass	



DOT: Not Regulated

Color Standard 200 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2191-1L	Amber Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid), 8, III

Color Standard 250 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2199-100ML	Amber Glass	
2199-1L	Amber Glass	
2199-4L	Amber Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid), 8, II

Color Standard 300 Units APHA for Hazen Color

Item No.	Pkg Type	Case
2192-250ML	Amber Glass	
2192-500ML	Amber Glass	
2192-1L	Amber Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid), 8, II

Color Standard 400 Units APHA for Hazen Color

Item No.	Pkg Type	Case
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DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid), 8, II

Color Standard 500 Units APHA for Hazen Color/ASTM D1209

Item No.	Pkg Type	Case
2180-100ML	Amber Glass	
2180-250ML	Amber Glass	
2180-500ML	Amber Glass	
2180-1L	Amber Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid), 8, II

Combined Color Reagent APHA /EPA for Chloride Analysis

Item No.	Pkg Type	Case
2169-500ML	Amber Plastic	
2169-1L	Amber Plastic	
2169-4L	Amber Plastic	
2169-10L	Cubitainer®	



DOT: UN 1992 Flammable liquids, toxic, n.o.s. (Methanol, Mercuric Thiocyanate), 3(6.1), II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Complexing Reagent for TKN/NH₃

Item No.	Pkg Type	Case
SPX457 (1 L)	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, II

Conditioning Reagent APHA/EPA for Sulfate

Item No.	Pkg Type	Case
2210-500ML	Clear Plastic	6
2210-1L	Clear Plastic	6



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Isopropanol, Hydrochloric Acid), 3(8), II

Conductivity Reagent A

Item No.	Pkg Type	Case
2215-500ML	Clear Plastic	6
2215-1L	Clear Plastic	



DOT: Not Regulated

 **WARNING: Cancer** - www.P65Warnings.ca.gov.

Conductivity Standard 1.0 umhos @25°C NIST Traceable

3 month expiration		
Item No.	Pkg Type	Case
6918-100ML	Clear Plastic	12
6918-500ML	Clear Plastic	6
6918-1L	Clear Plastic	6
6918-4L	Clear Plastic	4
6918-10L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 2.0 umhos @25°C NIST Traceable

3 month expiration		
Item No.	Pkg Type	Case
6937-500ML	Amber Glass	6
6937-500MLP	Clear Plastic	
6937-1L	Clear Plastic	6
6937-4L	Clear Plastic	4
6937-4LC	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 3.0 umhos @25°C NIST Traceable

3 month expiration		
Item No.	Pkg Type	Case
6958-500ML	Clear Plastic	6
6958-1L	Clear Plastic	6
6958-4L	Clear Plastic	4
6958-10L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 4.0 umhos @25°C NIST Traceable (TDS = 3.2 ppm)

3 month expiration		
Item No.	Pkg Type	Case
6993-500ML	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 5.0 umhos @25°C NIST Traceable (TDS = 3.3 PPM)

3 month expiration		
Item No.	Pkg Type	Case
6938-500ML	Clear Plastic	6
6938-1L	Clear Plastic	6
6938-4L	Clear Plastic	4
6938-4LC	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 10.0 umhos @25°C NIST Traceable

3 month expiration		
Item No.	Pkg Type	Case
6921-100ML	Clear Plastic	12
6921-250ML	Clear Plastic	
6921-500ML	Clear Plastic	6
6921-1L	Clear Plastic	6
6921-4L	Clear Plastic	4
6921-10L	Cubitainer®	
6921-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 15.0 umhos @25°C NIST Traceable

6 month expiration		
Item No.	Pkg Type	Case
6915-500ML	Clear Plastic	
6915-1L	Clear Plastic	6
6915-4L	Clear Plastic	

DOT: Not Regulated



Conductivity Standard 20.0 umhos @25°C NIST Traceable

6 month expiration

Item No.	Pkg Type	Case
6928-500ML	Clear Plastic	6
6928-1L	Clear Plastic	6
6928-4L	Clear Plastic	4
6928-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 24.0 umhos @25°C NIST Traceable

6 month expiration

Item No.	Pkg Type	Case
6910-1L	Clear Plastic	6
6910-4L	Clear Plastic	4

DOT: Not Regulated

Conductivity Standard 25.0 umhos @25°C NIST Traceable

6 month expiration

Item No.	Pkg Type	Case
6939-500ML	Clear Plastic	6
6939-1L	Clear Plastic	6
6939-4L	Clear Plastic	4
6939-10L	Cubitainer®	
6939-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 30.0 umhos @25°C NIST Traceable

6 month expiration

Item No.	Pkg Type	Case
6916-500ML	Clear Plastic	
6916-1L	Clear Plastic	6
6916-4L	Clear Plastic	4

DOT: Not Regulated

Conductivity Standard 40.0 umhos @25°C, NIST Traceable

Item No.	Pkg Type	Case
6929-500ML	Clear Plastic	6
6929-1L	Clear Plastic	6
6929-4L	Clear Plastic	4

DOT: Not Regulated

Conductivity Standard 46.0 umhos @25°C, NIST Traceable

Item No.	Pkg Type	Case
6911-1L	Clear Plastic	6

DOT: Not Regulated

Conductivity Standard 47.0 umhos @25°C, NIST Traceable

Item No.	Pkg Type	Case
6901-500ML	Clear Plastic	6
6901-1L	Clear Plastic	6
6901-4L	Clear Plastic	4

DOT: Not Regulated

Conductivity Standard 50.0 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6941-500ML	Clear Plastic	6
6941-1L	Clear Plastic	6
6941-4L	Clear Plastic	4
6941-10L	Cubitainer®	
6941-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 75.0 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6942-500ML	Clear Plastic	6
6942-1L	Clear Plastic	6
6942-4L	Clear Plastic	4
6942-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 80.0 umhos @25° C NIST Traceable

Item No.	Pkg Type	Case
6893-500ML	Clear Plastic	12

DOT: Not Regulated

Conductivity Standard 84.0 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6966-500ML	Clear Plastic	6
6966-1L	Clear Plastic	6
6966-4L	Clear Plastic	4
6966-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 90.0 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6969-500ML	Clear Plastic	
6969-1L	Clear Plastic	6
6969-4LC	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 100 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6919-100ML	Clear Plastic	
6919-250ML	Clear Plastic	
6919-500ML	Clear Plastic	6
6919-1L	Clear Plastic	6
6919-4L	Clear Plastic	4
6919-4LC	Cubitainer®	
6919-10L	Cubitainer®	
6919-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 147 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6906-500ML	Clear Plastic	6
6906-1L	Clear Plastic	6
6906-4L	Clear Plastic	4

DOT: Not Regulated

Conductivity Standard 150 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6903-500ML	Clear Plastic	6
6903-1L	Clear Plastic	6
6903-4L	Clear Plastic	4

DOT: Not Regulated

Conductivity Standard 200 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6951-500ML	Clear Plastic	6
6951-1L	Clear Plastic	6
6951-4L	Clear Plastic	4
6951-4LC	Cubitainer®	
6951-10L	Cubitainer®	
6951-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 250 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6943-500ML	Clear Plastic	6
6943-1L	Clear Plastic	6
6943-4L	Clear Plastic	4
6943-10L	Cubitainer®	
6943-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 300 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6930-500ML	Clear Plastic	12
6930-1L	Clear Plastic	6
6930-4L	Clear Plastic	4
6930-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 400 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6952-500ML	Clear Plastic	6
6952-1L	Clear Plastic	6

DOT: Not Regulated

Conductivity Standard 440 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6912-1L	Clear Plastic	6

DOT: Not Regulated

Conductivity Standard 445 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6978-1L	Clear Plastic	6

DOT: Not Regulated

Conductivity Standard 447 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6904-500ML	Clear Plastic	6
6904-1L	Clear Plastic	6
6904-4L	Clear Plastic	4

DOT: Not Regulated

Conductivity Standard 500 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6922-250ML	Clear Plastic	
6922-500ML	Clear Plastic	6
6922-500MLWM	Clear Plastic	
6922-1L	Clear Plastic	6
6922-4L	Clear Plastic	4
6922-10L	Cubitainer®	
6922-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 600 umhos @25°C NIST Traceable (TDS = 396)

Item No.	Pkg Type	Case
6927-500ML	Clear Plastic	6
6927-1L	Clear Plastic	6
6927-4L	Clear Plastic	4
6927-10L	Cubitainer®	
6927-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 650 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6989-500ML	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 700 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6907-500ML	Clear Plastic	6
6907-1L	Clear Plastic	6
6907-4L	Clear Plastic	4
6907-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 750 umhos @ 25° C NIST Traceable

Item No.	Pkg Type	Case
6896-1L	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 900 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6984-4L	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 1,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6950-250ML	Clear Plastic	
6950-500ML	Clear Plastic	6
6950-1L	Clear Plastic	6
6950-4L	Clear Plastic	4
6950-4LC	Cubitainer®	4
6950-10L	Cubitainer®	
6950-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 1,250 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6909-500ML	Clear Plastic	6
6909-1L	Clear Plastic	6

DOT: Not Regulated

Conductivity Standard (0.01 Molar)1,413 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6920-500ML	Clear Plastic	6
6920-1L	Clear Plastic	6
6920-4L	Clear Plastic	4
6920-4LC	Cubitainer®	
6920-10L	Cubitainer®	
6920-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 1,500 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6923-500ML	Clear Plastic	6
6923-1L	Clear Plastic	6
6923-4L	Clear Plastic	4
6923-10L	Cubitainer®	
6923-20L	Cubitainer®	

DOT: Not Regulated



Conductivity Standard 2,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6924-500ML	Clear Plastic	6
6924-1L	Clear Plastic	6
6924-4L	Clear Plastic	4
6924-4LC	Cubitainer®	4
6924-10L	Cubitainer®	
6924-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 2,070 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6913-500ML	Clear Plastic	6
6913-1L	Clear Plastic	6

DOT: Not Regulated

Conductivity Standard 2,500 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6925-500ML	Clear Plastic	6
6925-1L	Clear Plastic	6
6925-4L	Clear Plastic	4
6925-10L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 2,764 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6891-500ML	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 3,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6926-500ML	Clear Plastic	6
6926-1L	Clear Plastic	6
6926-4L	Clear Plastic	4
6926-4LC	Cubitainer®	
6926-10L	Cubitainer®	
6926-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 4,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6934-500ML	Clear Plastic	6
6934-500MLWM	Clear Plastic	
6934-1L	Clear Plastic	6
6934-4L	Clear Plastic	4
6934-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 4,600 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6957-500ML	Clear Plastic	6
6957-1L	Clear Plastic	6
6957-4L	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 5,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6935-500ML	Clear Plastic	6
6935-1L	Clear Plastic	6
6935-4L	Clear Plastic	4
6935-10L	Cubitainer®	
6935-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 7,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6899-500ML	Clear Plastic	6
6899-1L	Clear Plastic	6
6899-4L	Clear Plastic	4
6899-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 8,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6902-1L	Clear Plastic	
6902-4L	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 8,974 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6883-500ML	Clear Plastic	6
6883-4L	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 10,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6936-500ML	Clear Plastic	6
6936-1L	Clear Plastic	6
6936-4L	Clear Plastic	4
6936-4LC	Cubitainer®	
6936-10L	Cubitainer®	
6936-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 12,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
SPE531 (4 L)	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 12,880 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6884-500ML	Clear Plastic	6
6884-1L	Clear Plastic	
6884-4L	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 12,890 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6968-1L	Clear Plastic	6

DOT: Not Regulated

Conductivity Standard 12,900 umhos @ 25°C NIST Traceable

Item No.	Pkg Type	Case
6931-500ML	Clear Plastic	6
6931-1L	Clear Plastic	6
6931-4L	Clear Plastic	4
6931-10L	Cubitainer®	

DOT: Not Regulated



Aqua Solutions, Inc.

Conductivity Standard 15,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6932-500ML	Clear Plastic	6
6932-1L	Clear Plastic	6
6932-4L	Clear Plastic	4

DOT: Not Regulated

Conductivity Standard 18,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6981-1L	Clear Plastic	6

DOT: Not Regulated

Conductivity Standard 20,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6948-500ML	Clear Plastic	6
6948-1L	Clear Plastic	6
6948-4L	Clear Plastic	4
6948-10L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 23,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6982-1L	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 25,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6944-500ML	Clear Plastic	6
6944-1L	Clear Plastic	6
6944-4L	Clear Plastic	4
6944-10L	Cubitainer®	
6944-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 30,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6949-500ML	Clear Plastic	6
6949-1L	Clear Plastic	6
6949-4L	Clear Plastic	4

DOT: Not Regulated

Conductivity Standard 37,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6983-1L	Clear Plastic	6

DOT: Not Regulated

Conductivity Standard 40,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6954-1L	Clear Plastic	6
6954-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 50,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6945-500ML	Clear Plastic	6
6945-1L	Clear Plastic	6
6945-4L	Clear Plastic	4
6945-10L	Cubitainer®	
6945-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 60,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6973-1L	Clear Plastic	6
6973-4L	Clear Plastic	
6973-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 65,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6991-500ML	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 70,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6933-500ML	Clear Plastic	6
6933-1L	Clear Plastic	6
6933-4L	Clear Plastic	4
6933-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 80,000 umhos @25°C NIST Traceable Solution

Item No.	Pkg Type	Case
SPE034B (500 ML)	Clear Plastic	
SPE034C (1 L)	Clear Plastic	
SPE034 (4 L)	Clear Plastic	
SPE034A (20 L)	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 100,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6946-500ML	Clear Plastic	6
6946-1L	Clear Plastic	6
6946-4L	Clear Plastic	4
6946-10L	Cubitainer®	
6946-20L	Cubitainer®	

DOT: Not Regulated

Conductivity Standard 111,900 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6963-4L	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 150,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
SPE203A (500 ML)	Clear Plastic	
SPE203 (1 L)	Clear Plastic	

DOT: Not Regulated

Conductivity Standard 200,000 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6947-500ML	Clear Plastic	6
6947-1L	Clear Plastic	6
6947-4L	Clear Plastic	4
6947-10L	Cubitainer®	

DOT: Not Regulated



Congo Red 0.1% w/v Aqueous Indicator Solution

Item No.	Pkg Type	Case
2220-100ML	Clear Plastic	12
2220-500ML	Clear Plastic	6
2220-1L	Clear Plastic	6



DOT: Not Regulated

Copper Metal Powder 150 Mesh

Cu F.W. 63.54 CAS# 7440-50-8

Item No.	Pkg Type	Case
C7777-100G	Clear Plastic	12
C7777-500G	Clear Plastic	12
C7777-2.5KG	Clear Plastic	

DOT: Not Regulated

Copper Sheet 12"x12" 30 Gauge, .25mm

Cu F.W. 63.54 CAS# 7440-50-8

Item No.	Pkg Type	Case
C7450-EA	Envelope Mailer	12

DOT: Not Regulated

Copper Standard 1.0 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
ND673 (10 L)	Cubitainer®	

DOT: Not Regulated

Copper Standard 10.0 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
2242-1L	Clear Plastic	



DOT: Not Regulated

Copper Standard 20.0 ppm (1 ml = 0.02 mg Cu) Solution

Item No.	Pkg Type	Case
2245-500ML	Clear Plastic	

DOT: Not Regulated

Copper AA Standard 1,000 mg/L (ppm) NIST Traceable in 2-5% HNO₃

Item No.	Pkg Type	Case
2250-100ML	Clear Plastic	
2250-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Copper Standard 5,000 ppm In Nitric Acid, NIST Solution

Item No.	Pkg Type	Case
ND457 (1 L)	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Copper Sulfate See Also Cupric Sulfate

Copper Reagent A-Bicin Solution

Item No.	Pkg Type	Case
SPX145 (1 L)	Amber Glass	



DOT: UN 2672 Ammonia solution, 8, III

Copper Sulfate 62.4 mg/ml (Prepared to USP/ASTM D565)

Item No.	Pkg Type	Case
2308-500ML	Amber Glass	



DOT: Not Regulated

Copper Sulfate 2.0% w/v Aqueous Solution

Item No.	Pkg Type	Case
2302-500ML	Clear Plastic	
2302-1L	Clear Plastic	
2302-4L	Clear Plastic	
2302-200L	Poly Drum	



DOT: Not Regulated

Copper Sulfate 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
2300-500ML	Clear Plastic	6
2300-1L	Clear Plastic	6
2300-4L	Clear Plastic	4
2300-4LC	Cubitainer®	
2300-20L	Cubitainer®	



DOT: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Cupric Sulfate Pentahydrate), 9, III

Copper Sulfate 20% w/v Aqueous Solution

Item No.	Pkg Type	Case
C8833-500ML	Clear Plastic	
C8833-1L	Clear Plastic	
C8833-20L	Cubitainer®	



DOT: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Cupric Sulfate Pentahydrate), 9, III

Copper Sulfate Test Solution (ASTM A697/A697M)

Item No.	Pkg Type	Case
ND648 (60 ML)	Amber Glass	



DOT: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Cupric Sulfate Pentahydrate), 9, III

Copper Sulfate 0.1 Molar Solution

Item No.	Pkg Type	Case
SPE748 (500 ML)	Clear Plastic	
SPE748B (1 L)	Clear Plastic	
SPE748A (10 L)	Cubitainer®	



DOT: Not Regulated

Copper Sulfate 0.5 Molar Solution

Item No.	Pkg Type	Case
2320-4L	Clear Plastic	
2320-4LC	Cubitainer®	
2320-10LC	Cubitainer®	



DOT: Not Regulated

Copper Sulfate - Sulfamic Acid Solution APHA for Dissolved Oxygen

Item No.	Pkg Type	Case
2450-500ML	Clear Plastic	
2450-1L	Clear Plastic	6
2450-4L	Clear Plastic	4



DOT: Not Regulated

Corn Oil

CAS# 8001-30-7

Item No.	Pkg Type	Case
C7920-500ML	Clear Plastic	6
C7920-4L	Clear Plastic	4

DOT: Not Regulated

m-Cresol Purple 0.04% w/v Solution

Item No.	Pkg Type	Case
2500-100ML	Clear Plastic	
2500-500ML	Clear Plastic	

DOT: Not Regulated

m-Cresol Purple 0.1% w/v Solution

Item No.	Pkg Type	Case
2502-100ML	Clear Plastic	
DOT: Not Regulated		

Cresol Red (o-Cresolsulfonphthalein), Free Acid pH 0.2 Red-1.8-7.0 Yellow-8.8 Red

C₂₁H₁₈O₅S F.W. 382.43 CAS# 1733-12-6

Item No.	Pkg Type	Case
C7999-25G	Amber Glass	
DOT: Not Regulated		

Cresol Red 0.04% w/v Solution

pH 0.2 Red-1.8-7.0 Yellow-8.8 Red

Item No.	Pkg Type	Case
2550-100ML	Clear Plastic	12
2550-500ML	Clear Plastic	6
2550-1L	Clear Plastic	6

DOT: Not Regulated

Crude Fiber Acid 0.255 Normal Solution

Normality = 0.2545 - 0.2555 @20°C

Item No.	Pkg Type	Case
SPX731 (20 L)	Cubitainer®	



DOT: Not Regulated

Crystal Violet (Gentian Violet) C.I. 42555 Reagent ACS Grade

C₂₅H₃₀ClN₃ F.W. 407.98 CAS# 548-62-9

Item No.	Pkg Type	Case
C8120-5G	Amber Glass	
C8120-10G	Amber Glass	
C8120-25G	Amber Glass	
C8120-100G	Amber Glass	12



DOT: Not Regulated

Specifications

Sensitivity as indicator	Passes test
Loss on drying	≤ 7.5%
Assay	≥ 90.0%
Absorbance characteristics	Passes test
Ph 0.2 Yellow 2.0 Blue-violet	

Crystal Violet (Gentian Violet) C.I. 42555, Biological Stain

C₂₅H₃₀ClN₃ F.W. 407.98 CAS# 548-62-9

Item No.	Pkg Type	Case
C8121-10G	Amber Glass	
C8121-125G	Amber Glass	
C8121-1KG	Clear Plastic	
C8121-2.5KG	Clear Plastic	



DOT: Not Regulated

Crystal Violet Indicator 0.1% w/v in Acetic Acid

Item No.	Pkg Type	Case
2560-100ML	Amber Glass	
2560-250ML	Amber Glass	
2560-500ML	Amber Glass	6



DOT: UN 2789 Acetic acid solution, 8(3), II

Crystal Violet 0.5% w/v in Acetic Acid

Item No.	Pkg Type	Case
SPX285 (100 ML)	Amber Glass	



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Acetic Acid, Glacial), 8(3), III

Crystal Violet 1% w/v Aqueous Solution

Item No.	Pkg Type	Case
C8126-100ML	Clear Plastic	
C8126-500ML	Clear Plastic	



DOT: Not Regulated



Crystal Violet Staining Solution, 1% Alcoholic

Item No.	Pkg Type	Case
C8123-100ML	Clear Plastic	
C8123-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Crystal Violet Indicator 1% w/v in Acetic Acid

Item No.	Pkg Type	Case
2562-100ML	Amber Glass	
2562-500ML	Amber Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

CTAB See Cetyltrimethylammonium Bromide

Cupric Acetate Monohydrate Reagent ACS Grade Crystal

(CH ₃ COO) ₂ Cu•H ₂ O	F.W. 199.65	CAS# 6046-93-1
Item No.	Pkg Type	Case
C8509-125G	Amber Glass	
C8509-500G	Clear Plastic	



DOT: Not Regulated

Specifications

Assay	98.0 - 102.0%
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.003%
Sulfate (SO ₄)	≤ 0.01%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.002%
Nickel (Ni)	≤ 0.01%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.05%

Cupric Chloride Reagent ACS Grade Crystal

CuCl₂•2H₂O F.W. 170.48 CAS# 10125-13-0

Item No.	Pkg Type	Case
C8627-125G	Clear Plastic	12
C8627-500G	Clear Plastic	12
C8627-2.5KG	Clear Plastic	4



DOT: UN 2802 Copper chloride, 8, III

Specifications

Assay (CuCl ₂ •2H ₂ O)	≥ 99.0%
Insoluble matter	≤ 0.01%
Nitrate (NO ₃)	≤ 0.015%
Sulfate (SO ₄)	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.005%
Nickel (Ni)	≤ 0.01%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.02%

Cupric Chloride Laboratory Grade Crystal

CuCl₂•2H₂O F.W. 170.48 CAS# 10125-13-0

Item No.	Pkg Type	Case
C8630-100G	Clear Plastic	12
C8630-500G	Clear Plastic	12
C8630-2.5KG	Clear Plastic	4
C8630-12KG	White Pail	



DOT: UN 2802 Copper chloride, 8, III

Cupric Nitrate Hydrate Reagent ACS Grade

Cu(NO₃)₂•2.5H₂O F.W. 232.59 CAS# 19004-19-4

Item No.	Pkg Type	Case
C8694-125G	Clear Plastic	12
C8694-500G	Clear Plastic	12
C8694-2.5KG	Clear Plastic	4
C8694-12KG	White Pail	



DOT: UN 1477 Nitrates, inorganic, n.o.s. (Cupric Nitrate), 5.1, III

Specifications

Assay	98.0 - 102.0%
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.002%
Sulfate (SO ₄)	≤ 0.01%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.005%
Lead (Pb)	≤ 0.001%
Nickel (Ni)	≤ 0.01%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.01%

Cupric Nitrate Laboratory Grade Crystal

Cu(NO₃)₂•2.5H₂O F.W. 232.59 CAS# 19004-19-4

Item No.	Pkg Type	Case
C8696-100G	Clear Plastic	12
C8696-500G	Clear Plastic	12
C8696-2.5KG	Clear Plastic	4



DOT: UN 1477 Nitrates, inorganic, n.o.s. (Cupric Nitrate), 5.1, III

Cupric Nitrate 0.02 Molar Aqueous Solution

Item No.	Pkg Type	Case
SPX303 (4 L)	Clear Plastic	

DOT: Not Regulated

Cupric Nitrate 0.1 Molar Solution

Molarity = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
2600-500ML	Clear Plastic	6
2600-1L	Clear Plastic	6
2600-4L	Clear Plastic	4



DOT: Not Regulated

Cupric Sulfate Anhydrous Reagent Grade

CuSO_4 F.W. 159.6 CAS# 7758-98-7

Item No.	Pkg Type	Case
C8818-125G	Clear Plastic	
C8818-500G	Clear Plastic	



DOT: UN 3077 Environmentally hazardous substance, solid, n.o.s. (Copper Sulfate Anhydrous), 9, III

Specifications

Assay:	≥ 98.0%
Insoluble matter:	≤ 0.01%
Chloride (Cl):	≤ 0.002%
Iron (Fe)	≤ 0.005%
Nickel (Ni)	≤ 0.005%
Calcium (Ca)	≤ 0.01%
Potassium (K)	≤ 0.02%
Sodium (Na)	≤ 0.05%
Loss on drying (105C)	≤ 1%

Cupric Sulfate Pentahydrate Reagent ACS Grade

$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ F.W. 249.68 CAS# 7758-99-8

Item No.	Pkg Type	Case
C8800-125G	Clear Plastic	12
C8800-500G	Clear Plastic	12
C8800-2.5KG	Clear Plastic	4
C8800-12KG	White Pail	



DOT: UN 3077 Environmentally hazardous substance, solid, n.o.s. (Cupric Sulfate Pentahydrate), 9, III

Specifications

Assay (as $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$)	98-102%
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Nitrogen compounds (as N)	≤ 0.002%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.003%
Nickel (Ni)	≤ 0.005%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.02%

Cupric Sulfate Technical Grade Crystal

$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ F.W. 249.68 CAS# 7758-99-8

Item No.	Pkg Type	Case
C8808-500G	Clear Plastic	12
C8808-2.5KG	Clear Plastic	4
C8808-12KG	White Pail	



DOT: UN 3077 Environmentally hazardous substance, solid, n.o.s. (Cupric Sulfate Pentahydrate), 9, III

Cupric Sulfate Technical Grade, Large Crystal

$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ F.W. 249.68 CAS# 7758-99-8

Item No.	Pkg Type	Case
C8810-500G	Clear Plastic	12
C8810-2.5KG	Clear Plastic	4
C8810-50LB	Poly Lined Bag	



DOT: UN 3077 Environmentally hazardous substance, solid, n.o.s. (Cupric Sulfate Pentahydrate), 9, III

Cupric Sulfate 0.01 Molar Solution

Item No.	Pkg Type	Case
SPE262 (4 L)	Clear Plastic	

DOT: Not Regulated

Cupric Sulfate 0.338 Molar Solution

Item No.	Pkg Type	Case
SPX865 (1 L)	Clear Plastic	



DOT: UN 3082 Environmentally hazardous substance, liquid, n.o.s. 9, III

Cupric Sulfate Solutions See Copper Sulfate Solutions

Cuprizone Reagent

$\text{C}_{12}\text{H}_{22}\text{N}_4\text{O}_2$ F.W. 278.36 CAS# 370-81-0

Item No.	Pkg Type	Case
C8881-25G	Amber Glass	
C8881-100G	Amber Glass	

DOT: Not Regulated

Cuprous Chloride Laboratory Grade Powder

CuCl F.W. 98.99 CAS# 7758-89-6

Item No.	Pkg Type	Case
C8903-500G	Clear Plastic	
C8903-2.5KG	Clear Plastic	



DOT: UN 2802 Copper chloride, 8, III

Cyanide Standard 0.5 ppm w/v Solution

Exp. 1 month

Item No.	Pkg Type	Case
2640-1L	Clear Plastic	



DOT: Not Regulated



WARNING: Reproductive Harm -
www.P65Warnings.ca.gov



Cyanide Standard 1.0 ppm w/v Solution

Exp. 1 month

Item No.	Pkg Type	Case
2641-1L	Clear Plastic	



DOT: Not Regulated

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Cyanide Standard 10.0 ppm as CN, NIST Traceable

ppm CN = 9.95 - 10.05, Exp. 1 month

Item No.	Pkg Type	Case
2645-500ML	Clear Plastic	
2645-1L	Clear Plastic	
2645-4L	Clear Plastic	

DOT: Not Regulated

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Cyanide Standard 100.0 ppm as CN, NIST Traceable

ppm CN = 98.00 - 102.00, Exp. 1 month

Item No.	Pkg Type	Case
2647-500ML	Clear Plastic	
2647-1L	Clear Plastic	

DOT: Not Regulated

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Cyanide Standard 500 ppm as CN, NIST Traceable

ppm CN = 495.0 - 505.0, Exp. 1 month

Item No.	Pkg Type	Case
2652-500ML	Clear Plastic	
2652-1L	Clear Plastic	
2652-4L	Clear Plastic	

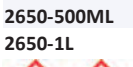
DOT: Not Regulated

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Cyanide Standard 1,000 ppm 1 ml = 1 mg CN, NIST Traceable

ppm CN = 995.0 - 1005.0, Exp. 1 month

Item No.	Pkg Type	Case
2650-100ML	Clear Plastic	
2650-500ML	Clear Plastic	
2650-1L	Clear Plastic	



DOT: Not Regulated

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Cyclohexane Reagent ACS Grade

C₆H₁₂ F.W. 84.16 CAS# 110-82-7

Item No.	Pkg Type	Case
C9110-500ML	Amber Glass	12
C9110-1L	Amber Glass	6
C9110-4L	Amber Glass	4
C9110-4L(PVC)	Coated Glass	4
C9110-20L	Metal Can	



DOT: UN 1145 Cyclohexane, 3, II

Specifications

Assay	≥ 99.0% C ₆ H ₁₂
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.002%
Substances darkened by sulfuric acid	Passes test
Water (H ₂ O)	≤ 0.02%
UV Absorption	Passes test

Cyclohexane HPLC Grade

C₆H₁₂ F.W. 84.16 CAS# 110-82-7

Item No.	Pkg Type	Case
C9108-1L	Amber Glass	
C9108-4L	Amber Glass	4



DOT: UN 1145 Cyclohexane, 3, II

Cyclohexane Laboratory Grade

C₆H₁₂ F.W. 84.16 CAS# 110-82-7

Item No.	Pkg Type	Case
C9112-500ML	Amber Glass	6
C9112-1L	Amber Glass	6
C9112-4L	Amber Glass	
C9112-20L	Metal Can	
C9112-200L	Metal Drum	



DOT: UN 1145 Cyclohexane, 3, II

Cyclohexanone 99.8% Laboratory Grade

C₆H₁₀O F.W. 98.15 CAS# 108-94-1

Item No.	Pkg Type	Case
C9125-1L	Amber Glass	6
C9125-4L	Amber Glass	4
C9125-20L	Metal Can	
C9125-200L	Metal Drum	



DOT: UN 1915 Cyclohexanone, 3, III

Cyclohexene 99+%

C₆H₁₀ F.W. 82.14 CAS# 110-83-8

Item No.	Pkg Type	Case
C9120-100ML	Amber Glass	
C9120-250ML	Amber Glass	
C9120-500ML	Amber Glass	



DOT: UN 2256 Cyclohexene, 3, II

Cyclohexylamine 0.055 Normal in Ethanol

Normality = 0.0545 - 0.0555 @20°C

Item No.	Pkg Type	Case
SPX387 (4 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol, cyclohexylamine), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Decahydronaphthalene (Decalin)

$C_{10}H_{18}$ F.W. 138.24 CAS# 91-17-8

Item No.	Pkg Type	Case
D2100-500ML	Amber Glass	6
D2100-1L	Amber Glass	6
D2100-4L	Amber Glass	4
D2100-20L	Metal Can	



DOT: UN 1147 Decahydronaphthalene, 3, III

n-Decane Certified (99+%)

$C_{10}H_{22}$ F.W. 142.28 CAS# 124-18-5

Item No.	Pkg Type	Case
D2110-100ML	Amber Glass	
D2110-500ML	Amber Glass	
D2110-4L	Amber Glass	
D2110-5GAL	Metal Can	



DOT: UN 2247 n-Decane, 3, III

Detergent Fiber Solutions See Acid or Neutral Detergent Fiber Solution

Dextrose (Glucose), Anhydrous Reagent ACS Grade

$C_6H_{12}O_6$ F.W. 180.16 CAS# 50-99-7

Item No.	Pkg Type	Case
D2302-500G	Clear Plastic	12
D2302-2.5KG	Clear Plastic	4
D2302-12KG	White Pail	

DOT: Not Regulated

Specifications

Specific rotation	+ 52.5° to 53.0°
Insoluble matter	≤ 0.005%
Loss on drying at 105°C	≤ 0.2%
Residue after ignition	≤ 0.02%
Titration acid	≤ 0.002 meq/g
Chloride (Cl)	≤ 0.01%
Sulfate and sulfite (as SO ₄)	≤ 0.005%
Starch	Passes test
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

Dextrose (Glucose), Anhydrous Laboratory Grade

$C_6H_{12}O_6$ F.W. 180.16 CAS# 50-99-7

Item No.	Pkg Type	Case
D2304-500G	Clear Plastic	12
D2304-2.5KG	Clear Plastic	4
D2304-12KG	White Pail	

DOT: Not Regulated

Dextrose, Monohydrate Laboratory Grade

$C_6H_{12}O_6 \cdot H_2O$ F.W. 198.17 CAS# 5996-10-1

Item No.	Pkg Type	Case
D2310-500G	Clear Plastic	12
D2310-2.5KG	Clear Plastic	4
D2310-12KG	White Pail	

DOT: Not Regulated

Diallylamine (DALA)

$(CH_2=CHCH_2)_2NH$ F.W. 97.16 CAS# 124-02-7

Item No.	Pkg Type	Case
D4205-4L	Metal Can	
D4205-20L	Metal Can	
D4205-200L	Metal Drum	



DOT: UN 2359 Diallylamine, 3(6.1,8), II

Diatomaceous Earth Technical Grade

SiO₂ F.W. 60.08 CAS# 61790-53-2

Item No.	Pkg Type	Case
D4329-500G	Clear Plastic	12
D4329-2.5KG	White Pail	4



DOT: Not Regulated

Dibutylamine 99+%

$[CH_3(CH_2)_3]_2NH$ F.W. 129.24 CAS# 111-92-2

Item No.	Pkg Type	Case
D4332-1L	Amber Glass	
D4332-4L	Amber Glass	



DOT: UN 2248 Di-n-butylamine, 8(3), II

Dibutylamine Laboratory Grade 99%

$[CH_3(CH_2)_3]_2NH$ F.W. 129.24 CAS# 111-92-2

Item No.	Pkg Type	Case
D4337-500ML	Amber Glass	
D4337-1L	Amber Glass	6
D4337-4L	Amber Glass	4
D4337-20L	Metal Can	



DOT: UN 2248 Di-n-butylamine, 8(3), II

Dibutylamine 0.1 Normal in Toluene

Normality = 0.0991 - 0.1009 @20°C

Item No.	Pkg Type	Case
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SPE615 (4 L) Amber Glass



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Dibutylamine 2 Normal in Toluene (ASTM D5155)

Normality = 1.9970 - 2.0030 @20°C

Item No.	Pkg Type	Case
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SPE372 (1 L) Amber Glass

SPE372A (4 L) Amber Glass



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Toluene, Dibutylamine), 3(8), II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.



1,2-Dichloroethane (Ethylene Dichloride) Reagent ACS Grade

CH₂ClCH₂Cl F.W. 98.96 CAS# 107-06-2

Item No.	Pkg Type	Case
D4490-500ML	Amber Glass	6
D4490-1L	Amber Glass	6
D4490-4L	Amber Glass	4
D4490-20L	Metal Can	



DOT: UN 1184 Ethylene dichloride, 3(6.1), II

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.0% CH ₂ ClCH ₂ Cl
Appearance	Clear
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.002%
Titration acid	≤ 0.0003 meq/g
Water (H ₂ O)	≤ 0.03%

Dichlorofluorescein 0.1% w/v in IPA

Item No.	Pkg Type	Case
SPE773 (100 ML)	Amber Glass	
SPE773A (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Dichlorofluorescein 0.1% in 70% Methanol

Item No.	Pkg Type	Case
2750-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

2,6-Dichloroindophenol Sodium Salt Reagent ACS Grade

O=C₆H₂(Cl₂):NC₆H₄ONa F.W. 290.08 CAS# 620-45-1

Item No.	Pkg Type	Case
D4604-1G	Amber Glass	12
D4604-5G	Amber Glass	12
D4604-100G	Clear Plastic	

DOT: Not Regulated

Specifications

Loss on drying at 120° C	≤ 12.0%
Interfering dyes	Passes test

Dichloromethane Reagent ACS Grade

CH₂Cl₂ F.W. 84.93 CAS# 75-09-2

Item No.	Pkg Type	Case
D4653-500ML	Amber Glass	6
D4653-1L	Amber Glass	6
D4653-4L	Amber Glass	4
D4653-4L(PVC)	Coated Glass	4
D4653-20L	Metal Can	
D4653-200L	Poly Drum	



DOT: UN 1593 Dichloromethane, 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Appearance	Clear
Assay	≥ 99.5% CH ₂ Cl ₂
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.002%
Titration acid	≤ 0.0003 meq/g
Free halogens	Passes test
Water (H ₂ O)	≤ 0.02%

Dichloromethane (Methylene Chloride) HPLC Grade, Stabilized

CH₂Cl₂ F.W. 84.93 CAS# 75-09-2

Item No.	Pkg Type	Case
D4648-1L	Amber Glass	
D4648-4L	Amber Glass	4



DOT: UN 1593 Dichloromethane, 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Dichloromethane (Methylene Chloride) HPLC Grade, Uninhibited

CH₂Cl₂ F.W. 84.93 CAS# 75-09-2

Item No.	Pkg Type	Case
D4640-4L	Amber Glass	



DOT: UN 1593 Dichloromethane, 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Dichloromethane (Methylene Chloride) Laboratory Grade 99%

CH₂Cl₂ F.W. 84.93 CAS# 75-09-2

Item No.	Pkg Type	Case
D4457-500ML	Amber Glass	6
D4457-1L	Amber Glass	6
D4457-4L	Amber Glass	4
D4457-20L	Metal Can	



DOT: UN 1593 Dichloromethane, 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Dichloromethane (Methylene Chloride) Ultra Resi-Analyzed

CH₂Cl₂ F.W. 84.93 CAS# 75-09-2

Item No.	Pkg Type	Case
D4645-4L	Amber Glass	



DOT: UN 1593 Dichloromethane, 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Diethanolamine Laboratory Grade, 99%

C₄H₁₁NO₂ F.W. 105.14 CAS# 111-42-2

Item No.	Pkg Type	Case
D4500-100G	Amber Glass	
D4500-1KG	Amber Glass	



DOT: UN 2735 Amines, liquid, corrosive, n.o.s. (Diethanolamine), 8, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Diethylene Glycol

(HOCH₂CH₂)₂O F.W. 106.12 CAS# 111-46-6

Item No.	Pkg Type	Case
D4726-1L	Amber Glass	



DOT: Not Regulated

Digestion Reagent APHA For Organic Nitrogen (Contains Mercury)

(Contains Mercury)

Item No.	Pkg Type	Case
2782-1L	Clear Plastic	6
2782-4L	Clear Plastic	4



DOT: UN 2922 Corrosive liquids, toxic, n.o.s. (Sulfuric Acid, Mercuric Oxide (Red)), 8(6.1), II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Digestion Reagent APHA For Organic Nitrogen (Mercury Free)

(Mercury Free)

Item No.	Pkg Type	Case
2780-500ML	Clear Plastic	6
2780-1L	Clear Plastic	6
2780-4L	Clear Plastic	4



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Digestion Reagent For TKN/NH₃

Item No.	Pkg Type	Case
SPX458 (4 L)	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Diisopropylamine 99.5%

C₆H₁₃N F.W. 101.19 CAS# 108-18-9

Item No.	Pkg Type	Case
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D4771-500ML	Amber Glass	
D4771-1L	Amber Glass	
D4771-269	Glass Media Bottle	
D4771-4L	Amber Glass	
D4771-20L	Metal Can	



DOT: UN 1158 Diisopropylamine, 3(8), II

Dimethyl Sulfoxide Reagent ACS Grade

(CH₃)₂SO F.W. 78.13 CAS# 67-68-5

Item No.	Pkg Type	Case
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D5205-1L	Amber Glass	
D5205-4L	Amber Glass	4
D5205-200L	Metal Drum	



DOT: Not Regulated

N,N-Dimethylformamide Reagent ACS Grade

C₃H₇NO F.W. 73.1 CAS# 68-12-2

Item No.	Pkg Type	Case
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D4850-500ML	Amber Glass	6
D4850-1L	Amber Glass	6
D4850-4L	Amber Glass	4
D4850-4L(PVC)	Coated Glass	4
D4850-20L	Metal Can	
D4850-200L	Metal Drum	



DOT: UN 2265 N,N-Dimethylformamide, 3, III

 WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.8% C ₃ H ₇ NO
Color (APHA)	≤ 15
Residue after evaporation	≤ 0.005%
Titration base	≤ 0.003 meq/g
Titration acid	≤ 0.0005 meq/g
Water (H ₂ O)	≤ 0.15%

N,N-Dimethylformamide Laboratory Grade 99%

C₃H₇NO F.W. 73.1 CAS# 68-12-2

Item No.	Pkg Type	Case
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D4900-500ML	Amber Glass	12
D4900-1L	Amber Glass	6
D4900-4L	Amber Glass	4
D4900-20L	Metal Can	



DOT: UN 2265 N,N-Dimethylformamide, 3, III

 WARNING: Cancer - www.P65Warnings.ca.gov.

Dimethylglyoxime Reagent ACS Grade Powder

CH₃C:NOHC:NOHC F.W. 116.12 CAS# 95-45-4

Item No.	Pkg Type	Case
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D5002-30G	Amber Glass	12
D5002-125G	Amber Glass	12
D5002-500G	Clear Plastic	
D5002-2.5KG	Clear Plastic	



DOT: UN 2926 Flammable solids, toxic, organic, n.o.s. (Butanedione, dioxime), 4.1(6.1), III

Specifications

Assay	≥ 99.0% Gravimetric
Melting point	Approximately 240°C
Suitability for nickel determination	Passes test
Insoluble in ethanol	≤ 0.02%
Residue after ignition	≤ 0.05%

2,4-Dinitrophenylhydrazine 97%

C₆H₆N₄O₄ F.W. 198.14 CAS# 119-26-6

Item No.	Pkg Type	Case
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D5004-25G	Amber Glass	
D5004-100G	Amber Glass	



DOT: UN 1325 Flammable solids, organic, n.o.s. (2,4-Dinitrophenylhydrazine), 4.1, II



Diocetyl Phthalate Laboratory Grade 99%

$C_{26}H_{44}[COO(CH_2)_7CH_3]_2$ F.W. 390.54 CAS# 117-81-7

Item No.	Pkg Type	Case
D5300-500ML	Amber Glass	6
D5300-1L	Amber Glass	6
D5300-4L	Amber Glass	4
D5300-20L	Metal Can	
D5300-200L	Metal Drum	



DOT: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Diocetyl Phthalate), 9, III

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Diphenylcarbazide 1% w/v Alcoholic Solution

Item No.	Pkg Type	Case
2792-100ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Diphenylcarbazone-Bromo- phenol Blue Solution, in IPA

1 month expiration

Item No.	Pkg Type	Case
2850-100ML	Clear Plastic	
2850-500ML	Clear Plastic	
2850-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Diphenylcarbazone-Xylene Cyanole Solution APHA for Chloride

1 month expiration

Item No.	Pkg Type	Case
2900-100ML	Amber Plastic	
2900-500ML	Amber Plastic	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Isopropanol , Nitric Acid), 3(8), II

Dithizone (Diphenyldithiocarbazon) Reagent ACS Grade

$C_{26}H_{20}NHNHCSN:NC_6H_5$ F.W. 256.33 CAS# 60-10-6

Item No.	Pkg Type	Case
D5813-10G	Clear Plastic	
D5813-25G	Clear Plastic	



DOT: Not Regulated

Specifications

Assay	≥ 85.0%
Ratio of Absorbances	≥ 1.55
Residue after ignition	≤ 0.3%
Heavy metals (as Pb)	≤ 0.002%

D-Limonene™

$C_{10}H_{16}$ F.W. 136.23 CAS# 5989-27-5

Item No.	Pkg Type	Case
L4192-20L	Metal Can	
L4192-200L	Drum	



DOT: UN 1197 Extracts, flavoring, liquid, 3, III

DMF See Dimethylformamide

Doctors Solution (Sodium Plumbite) (ASTM D4952)

Item No.	Pkg Type	Case
3200-500ML	Clear Plastic	6
3200-1L	Clear Plastic	6
3200-4L	Clear Plastic	4
3200-4LC	Cubitainer®	4
3200-20L	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, II

WARNING: Cancer - www.P65Warnings.ca.gov.

DPD Indicator Solution for Chlorine

3 month expiration

Item No.	Pkg Type	Case
3250-100ML	Amber Glass	12
3250-500ML	Amber Glass	6
3250-1L	Amber Glass	6
3250-4L	Amber Glass	4



DOT: Not Regulated

EDTA Stabilizer Reagent APHA for Ammonia Nitrogen

Item No.	Pkg Type	Case
3450-500ML	Clear Plastic	
3450-1L	Clear Plastic	
3450-4L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, III

EDTA 5% w/v with Sodium Hydroxide

Item No.	Pkg Type	Case
3455-500ML	Clear Plastic	
3455-1L	Clear Plastic	

DOT: Not Regulated

EDTA Solution 1 ml = 1 mg $CaCO_3$ pH 10.5 (ASTM D1126)

Item No.	Pkg Type	Case
3551-1L	Clear Plastic	
3551-20LC	Cubitainer®	

EDTA Titrant, 0.001 Molar APHA for Hardness

Item No.	Pkg Type	Case
3553-500ML	Clear Plastic	6
3553-1L	Clear Plastic	6
3553-4L	Clear Plastic	4
3553-4LC	Cubitainer®	4
3553-10L	Cubitainer®	
3553-20L	Cubitainer®	

DOT: Not Regulated

EDTA Titrant 0.002 Molar Aqueous Solution

Item No.	Pkg Type	Case
ND080 (4 L)	Clear Plastic	
ND080A (4 L)	Cubitainer®	

DOT: Not Regulated

EDTA Titrant, 0.005 Molar (0.01 Normal) NIST Traceable

Molarity = 0.0048 - 0.0052 @20°C

Item No.	Pkg Type	Case
3552-1L	Clear Plastic	
3552-4L	Clear Plastic	4
3552-4LC	Cubitainer®	4
3552-10L	Cubitainer®	

DOT: Not Regulated

EDTA Titrant, 0.01 Molar (0.02 Normal) NIST Traceable

Molarity = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
3550-250ML	Clear Plastic	
3550-500ML	Clear Plastic	6
3550-1L	Clear Plastic	6
3550-1LG	Amber Glass	
3550-4L	Clear Plastic	4
3550-4LAP	Amber Plastic	
3550-4LC	Cubitainer®	4
3550-10L	Cubitainer®	
3550-20L	Cubitainer®	

DOT: Not Regulated

EDTA Titrant 0.02 Molar (0.04 Normal) NIST Traceable

Molarity = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
3545-500ML	Clear Plastic	6
3545-1L	Clear Plastic	6
3545-4L	Clear Plastic	4
3545-10L	Cubitainer®	
3545-20L	Cubitainer®	

DOT: Not Regulated

EDTA Titrant, 0.025 Molar (0.05 Normal), NIST Traceable

Molarity = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
3649-100ML	Clear Plastic	12
3649-250ML	Clear Plastic	
3649-500ML	Clear Plastic	
3649-1L	Clear Plastic	
3649-10L	Cubitainer®	

DOT: Not Regulated

EDTA Titrant, 0.05 Molar (0.1 Normal), NIST Traceable

Molarity = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
3640-500ML	Clear Plastic	6
3640-1L	Clear Plastic	6
3640-4L	Clear Plastic	4
3640-4LC	Cubitainer®	
3640-10L	Cubitainer®	
3640-20L	Cubitainer®	
3640-20LHP	Clear Plastic	

DOT: Not Regulated

EDTA Titrant 0.0575 Molar (0.115 Normal), NIST Traceable

Molarity = 0.0570 - 0.0580 @20°C

Item No.	Pkg Type	Case
3650-500ML	Clear Plastic	6
3650-1L	Clear Plastic	6
3650-4L	Clear Plastic	4
3650-10L	Cubitainer®	
3650-20L	Cubitainer®	

DOT: Not Regulated

EDTA Titrant, 0.1 Molar (0.2 Normal), NIST Traceable

Molarity = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
3540-500ML	Clear Plastic	6
3540-1L	Clear Plastic	6
3540-4L	Clear Plastic	4
3540-4LC	Cubitainer®	4
3540-10L	Cubitainer®	
3540-20L	Cubitainer®	

DOT: Not Regulated

EDTA Titrant 0.500 Molar (pH 8)

Molarity = 0.4990 - 0.5010 @20°C

Item No.	Pkg Type	Case
SPE946 (1 L)	Nalgene Bottle	



DOT: Not Regulated

Electrode Filling Solution See Potassium Chloride Solutions

Electrode Soaking Solution See also Ammonia Electrode Soaking Solution

Electrode Storage Aqueous Solution

Item No.	Pkg Type	Case
3675-500ML	Clear Plastic	6
3675-1L	Clear Plastic	6
3675-4L	Clear Plastic	
3675-10L	Cubitainer®	
3675-20L	Cubitainer®	

DOT: Not Regulated

Eosin Y C.I. 45380 Biological Stain

C20H6Br4Na2O5 F.W. 691.85 CAS# 17372-87-1

Item No.	Pkg Type	Case
E1983-10G	Amber Glass	
E1983-25G	Amber Glass	



DOT: Not Regulated

Eriochrome Black T Indicator Grade

C20H12N3NaO7S F.W. 461.38 CAS# 1787-61-7

Item No.	Pkg Type	Case
E2049-10G	Amber Glass	
E2049-25G	Amber Glass	
E2049-100G	Amber Glass	
E2049-500G	Amber Glass	

DOT: Not Regulated



Eriochrome Black T Solution

Item No.	Pkg Type	Case
E2050-100ML	Amber Glass	
E2050-500ML	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethylene Glycol Monomethyl Ether), 3, III

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Eriochrome Black T 0.1% in Ethyl Alcohol

Item No.	Pkg Type	Case
ND075 (100 ML)	Amber Glass	
ND075A (500 ML)	Amber Glass	
ND075B (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Eriochrome Black T 0.5% w/v in Ethanol

Item No.	Pkg Type	Case
ND306A (100 ML)	Amber Glass	
ND306 (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Eriochrome Black T 0.5% w/v in 2-Methoxyethanol

Item No.	Pkg Type	Case
SPX477A (100 ML)	Amber Glass	
SPX477 (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethylene Glycol Monomethyl Ether), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Eriochrome Black T Indicator Solution See also Water Hardness Indicator

Ethanol Carbonyl Free Prepared to UOP

Item No.	Pkg Type	Case
ND259A (1 L)	Amber Glass	6



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Ethanolamine Laboratory Grade

HOCH ₂ CH ₂ NH ₂	F.W. 61.08	CAS# 141-43-5
Item No.	Pkg Type	Case
E2201-1L	Amber Glass	
E2201-4L	Amber Glass	



DOT: UN 2491 Ethanolamine, 8, III

Ethyl Acetate Reagent ACS Grade

CH ₃ COOC ₂ H ₅	F.W. 88.11	CAS# 141-78-6
Item No.	Pkg Type	Case
E2404-500ML	Amber Glass	6
E2404-1L	Amber Glass	6
E2404-4L	Amber Glass	4
E2404-4L(PVC)	Coated Glass	4
E2404-20L	Metal Can	



DOT: UN 1173 Ethyl acetate, 3, II

Specifications

Assay	≥ 99.5%
Residue After Evaporation	≤ 0.003%
Water(H ₂ O)	≤ 0.2%
Titration Acid	≤ 0.0009 meq/g
Substances Darkened By Sulfuric Acid	To Pass Test
Color(APHA)	≤ 10

Ethyl Acetate HPLC Grade

CH ₃ COOC ₂ H ₅	F.W. 88.11	CAS# 141-78-6
Item No.	Pkg Type	Case
E2401-4L	Amber Glass	4



DOT: UN 1173 Ethyl acetate, 3, II

Ethyl Acetate 99% Laboratory Grade

CH ₃ COOC ₂ H ₅	F.W. 88.11	CAS# 141-78-6
Item No.	Pkg Type	Case
E2408-500ML	Amber Glass	6
E2408-1L	Amber Glass	6
E2408-4L	Amber Glass	4
E2408-20L	Metal Can	



DOT: UN 1173 Ethyl acetate, 3, II

Ethyl Alcohol See also Alcohol, Reagent

Ethyl Alcohol Absolute 200 Proof, Reagent ACS

C ₂ H ₅ OH (Non-denatured)	F.W. 46.07	CAS# 64-17-5
Item No.	Pkg Type	Case
E2525-500ML	Clear Plastic	6
E2525-500MLG	Amber Glass	
E2525-1L	Amber Glass	
E2525-4L	Clear Plastic	4
E2525-20L	Metal Can	



DOT: UN 1170 Ethanol, 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Specifications

Assay (by Vol)	≥ 99.5% CH ₃ CH ₂ OH
Acetone & Isopropyl alcohol:	Passes Test
Color (APHA)	≤ 10
Methanol	≤ 0.1%
Residue after evaporation	≤ 0.001%
Solubility in water:	Passes Test
Substances darkened by H ₂ SO ₄ :	Passes Test
Substances reducing permanganate	Passes Test
Titration acid	≤ 0.0005 meq/g
Titration base	≤ 0.0002 meq/g
Water	≤ 0.2%

Ethyl Alcohol Non-Denatured 190 Proof (95%)

95% Ethanol, 5% Water

Item No.	Pkg Type	Case
E2528-500ML	Clear Plastic	
E2528-1L	Clear Plastic	
E2528-4L	Clear Plastic	



DOT: UN 1170 Ethanol solutions, 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Ethyl Alcohol, 3A 200 Proof Specially Denatured

95% Ethanol, 5% Methanol v/v

Item No.	Pkg Type	Case
E2518-1L	Clear Plastic	
E2518-4L	Clear Plastic	4
E2518-20L	Cubitainer®	



DOT: UN 1987 Alcohols, n.o.s. (Ethanol, Methanol), 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Ethyl Alcohol, Denatured Anhydrous Govt. Formula III, Laboratory Grade

92% Ethanol, 4% Methanol, 1% Heptane, 1% Ethyl Acetate, 1% MIBK v/v

Item No.	Pkg Type	Case
E2438-500ML	Clear Plastic	6
E2438-1L	Clear Plastic	6
E2438-4L	Clear Plastic	4
E2438-20L	Metal Can	
E2438-200L	Metal Drum	



DOT: UN 1170 Ethanol solutions, 3, II

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Ethylene Glycol Reagent Grade

HOCH₂CH₂OH F.W. 62.07 CAS# 107-21-1

Item No.	Pkg Type	Case
E8270-500ML	Amber Glass	6
E8270-1L	Amber Glass	6
E8270-4L	Amber Glass	4
E8270-20L	Metal Can	
E8270-20LHP	Clear Plastic	
E8270-200L	Poly Drum	



DOT: Not Regulated

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Specific Gravity 20°C	1.115-1.116
Water	≤ 0.100%
Water Solubility	Passes Test

Ethylene Glycol 99% Laboratory Grade

HOCH₂CH₂OH F.W. 62.07 CAS# 107-21-1

Item No.	Pkg Type	Case
E8275-500ML	Amber Glass	6
E8275-1L	Amber Glass	6
E8275-4L	Amber Glass	4
E8275-20L	Metal Can	
E8275-200L	Poly Drum	



DOT: Not Regulated

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Ethylene Glycol 50% (v/v) 1:1

Item No.	Pkg Type	Case
3685-1L	Clear Plastic	
3685-4L	Clear Plastic	4
3685-10LC	Cubitainer®	
3685-20L	Cubitainer®	
3685-200L	Poly Drum	



DOT: Not Regulated

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Ethylenediamine, 99%

C₂H₈N₂ F.W. 60.1 CAS# 107-15-3

Item No.	Pkg Type	Case
E6890-1L	Amber Glass	



DOT: UN 1604 Ethylenediamine, 8(3), II

Ethylenediaminetetraacetic Acid Tetrasodium Dihydrate

C₁₀H₁₂N₂Na₄O₉·2H₂O F.W. 416.21 CAS# 10378-23-1

Item No.	Pkg Type	Case
E7605-100G	Clear Plastic	12
E7605-500G	Clear Plastic	



DOT: Not Regulated

EDTA (Ethylenedinitrilo-tetraacetic Acid) Reagent ACS Grade

C₁₀H₁₆N₂O₈ F.W. 292.24 CAS# 60-00-4

Item No.	Pkg Type	Case
E7502-125G	Clear Plastic	
E7502-500G	Clear Plastic	



DOT: Not Regulated

Specifications

Assay (C ₁₀ H ₁₆ N ₂ O ₈)	99.4-100.6%
Insoluble in dilute ammonium hydroxide	≤ 0.005%
Residue after ignition	≤ 0.2%
Nitrilotriacetic acid [(HOCOCH ₂) ₃ N]	≤ 0.1%
Calcium (Ca)	≤ 0.001%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.005%
Magnesium (Mg)	≤ 5 ppm



Ethylenedinitrilotetraacetic Acid Disodium Salt Reagent ACS

C₁₀H₁₄O₈N₂Na₂•2H₂O F.W. 372.24 CAS# 6381-92-6

Item No.	Pkg Type	Case
E7505-125G	Clear Plastic	12
E7505-500G	Clear Plastic	12
E7505-2.5KG	Clear Plastic	
E7505-12KG	White Pail	
E7505-50KG	Fiber Drum	



DOT: Not Regulated

Specifications

Assay (C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ •2H ₂ O)	99.0 - 101.0%
pH of a 5% solution	4.0 - 6.0
Insoluble matter	≤ 0.005%
Nitritotriacetic acid [(HOCOCH ₂) ₃ N]	≤ 0.1%
Heavy metals (as Pb)	≤ 0.005%
Iron (Fe)	≤ 0.01%

Ethylene Dichloride See 1,2-Dichloroethane

Fehling's Solution A TS Prepared to USP 42

Item No.	Pkg Type	Case
F2205-500ML	Clear Plastic	6
F2205-1L	Clear Plastic	6
F2205-4L	Clear Plastic	
F2205-20L	Cubitainer®	



DOT: Not Regulated

Fehling's Solution B TS Prepared to USP 42

Item No.	Pkg Type	Case
F2206-500ML	Clear Plastic	6
F2206-1L	Clear Plastic	6
F2206-4L	Clear Plastic	4



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, II

Ferric Alum Indicator ASTM for Chloride

Item No.	Pkg Type	Case
3760-100ML	Amber Plastic	
3760-500ML	Amber Plastic	
3760-1L	Amber Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Nitric Acid), 8, II

Ferric Ammonium Sulfate Reagent ACS Grade

FeNH₄(SO₄)₂•12H₂O F.W. 482.19 CAS# 7783-83-7

Item No.	Pkg Type	Case
F2510-125G	Clear Plastic	12
F2510-500G	Clear Plastic	12
F2510-2.5KG	Clear Plastic	
F2510-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (FeNH ₄ (SO ₄) ₂ •12H ₂ O)	98.5 - 102.0%
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Nitrate (NO ₃)	≤ 0.01%
Calcium (Ca)	≤ 0.01%
Copper (Cu)	≤ 0.003%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.02%
Zinc (Zn)	≤ 0.003%
Ferrous iron (Fe++)	Passes test

Ferric Ammonium Sulfate 8% Indicator Solution

Item No.	Pkg Type	Case
3761-100ML	Amber Plastic	
3761-500ML	Amber Plastic	
3761-1L	Amber Plastic	
3761-4L	Amber Plastic	

DOT: Not Regulated

Ferric Ammonium Sulfate 0.05 Normal NIST Traceable

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
3762-500ML	Amber Plastic	
3762-1L	Amber Plastic	

DOT: Not Regulated

Ferric Ammonium Sulfate 0.1 Normal, NIST Traceable

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
3764-1L	Amber Plastic	6



DOT: Not Regulated

Ferric Chloride Hexahydrate Reagent ACS Grade

FeCl₃•6H₂O F.W. 270.3 CAS# 10025-77-1

Item No.	Pkg Type	Case
F2520-125G	Clear Plastic	12
F2520-500G	Clear Plastic	12
F2520-2.5KG	Clear Plastic	
F2520-12KG	White Pail	
F2520-50KG	Fiber Drum	



DOT: Not Regulated

Specifications

Assay (FeCl ₃ •6H ₂ O)	97.0-102.0%
Insoluble Matter	≤ 0.01%
Nitrate (NO ₃)	≤ 0.01%
Phosphorous Compounds (as PO ₄)	≤ 0.01%
Sulfate (SO ₄)	≤ 0.01%
Calcium (Ca)	≤0.01%
Copper (Cu)	≤0.003%
Magnesium (Mg)	≤0.005%
Potassium (K)	≤0.005%
Sodium (Na)	≤ 0.05%
Zinc (Zn)	≤ 0.003%
Ferrous Iron (Fe++)	≤ 0.002%

Ferric Chloride Hexahydrate 1.0 Molar Solution

Item No.	Pkg Type	Case
3812-1L	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Ferric Chloride Hexahydrate), 8, III

Ferric Chloride Hexahydrate 60% w/w Solution

Item No.	Pkg Type	Case
SPE401A (500 ML)	Amber Glass	
SPE401 (4 L)	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Ferric Chloride Hexahydrate), 8, III

Ferric Chloride Solution Alcoholic, for TBC Test

(Prepared to ASTM D1157)

Item No.	Pkg Type	Case
3770-500ML	Clear Plastic	
3770-254	Coated Glass	
3770-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Ferric Chloride Oxidizing Solution APHA for Cyanide

Item No.	Pkg Type	Case
3785-100ML	Clear Plastic	
3785-500ML	Clear Plastic	

DOT: Not Regulated

Ferric Chloride 0.025% w/v Aqueous Solution, APHA for BOD

Item No.	Pkg Type	Case
3780-500ML	Clear Plastic	6
3780-1L	Clear Plastic	6
3780-4L	Clear Plastic	

DOT: Not Regulated

Ferric Chloride 45.0 mg/ml Prepared to USP/ASTM D848, D565

Item No.	Pkg Type	Case
3805-500ML	Amber Glass	



DOT: Not Regulated

Ferric Chloride 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
3800-500ML	Clear Plastic	
3800-1L	Clear Plastic	
3800-4L	Clear Plastic	



DOT: UN 2582 Ferric chloride, solution, 8, III

Ferric Chloride Solution 250g/100ml

Item No.	Pkg Type	Case
3810-500ML	Amber Glass	
3810-1L	Amber Glass	
3810-4L	Amber Glass	



DOT: UN 2582 Ferric chloride, solution, 8, III

Ferric Nitrate Nonahydrate Reagent ACS Grade Crystal

Item No.	Pkg Type	Case
F2530-125G	Amber Glass	12
F2530-500G	Clear Plastic	12
F2530-2.5KG	Clear Plastic	4
F2530-12KG	White Pail	



DOT: UN 1466 Ferric nitrate, 5.1, III

Specifications

Assay (Fe(NO ₃) ₃ •9H ₂ O)	98 -101%
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.01%
Calcium (Ca)	≤ 0.01%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.05%

Ferric Nitrate Solution 202 gpL, APHA for Chloride

Item No.	Pkg Type	Case
3815-1L	Amber Plastic	
3815-4L	Coated Glass	



DOT: UN 3098 Oxidizing liquid, corrosive, n.o.s. (Ferric Nitrate, Nitric Acid), 5.1(8), III

Ferric Oxide Reagent Grade Powder

Item No.	Pkg Type	Case
F2540-500G	Clear Plastic	12
F2540-2.5KG	Clear Plastic	



DOT: Not Regulated

Ferric Sulfate Hydrate Reagent Grade

Item No.	Pkg Type	Case
F2600-125G	Clear Plastic	
F2600-500G	Clear Plastic	
F2600-2.5KG	Clear Plastic	
F2600-12KG	White Pail	



DOT: UN 3260 Corrosive solid, acidic, inorganic, n.o.s. (Ferric Sulfate, Hydrate), 8, III

Specifications

Assay [as Fe ₂ (SO ₄) ₃]	≥ 73.0%
Insoluble	≤ 0.02%
Chloride (Cl)	≤ 0.01%
Copper (Cu)	≤ 0.005%
Ferrous iron (Fe++)	≤ 0.02%
Zinc (Zn)	≤ 0.005%
Nitrate (NO ₃)	≤ 0.01%
Substances not precipitated by NH ₄ OH	≤ 0.1%

Ferroin Indicator 0.025 Molar Solution

Item No.	Pkg Type	Case
3820-100ML	Clear Plastic	
3820-250ML	Clear Plastic	
3820-500ML	Clear Plastic	
3820-1L	Clear Plastic	
3820-4L	Clear Plastic	

DOT: Not Regulated



Ferrous Ammonium Sulfate Reagent ACS Grade Crystal

$\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ F.W. 392.14 CAS# 7783-85-9

Item No.	Pkg Type	Case
F3002-125G	Clear Plastic	12
F3002-500G	Clear Plastic	12
F3002-2.5KG	Clear Plastic	4



DOT: Not Regulated

Specifications

Assay ($\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$)	98.5 - 101.5%
Insoluble matter	$\leq 0.01\%$
Phosphate (PO_4)	$\leq 0.003\%$
Calcium (Ca)	$\leq 0.005\%$
Copper (Cu)	$\leq 0.003\%$
Magnesium (Mg)	$\leq 0.002\%$
Manganese (Mn)	$\leq 0.01\%$
Potassium (K)	$\leq 0.002\%$
Sodium (Na)	$\leq 0.02\%$
Zinc (Zn)	$\leq 0.003\%$
Ferric ion (Fe^{3+})	$\leq 0.01\%$

Ferrous Ammonium Sulfate 1ml = 100 ug Cl as Cl_2

Assay = 97.0 - 103.0 ug/ml as Cl_2 - Exp. 1 month

Item No.	Pkg Type	Case
3830-500ML	Amber Plastic	
3830-1L	Amber Plastic	6
3830-4L	Amber Plastic	4

DOT: Not Regulated

Ferrous Ammonium Sulfate 8 g/L Stock Solution

Item No.	Pkg Type	Case
SPX086 (4 L)	Cubitainer®	
SPX086A (4 L)	Clear Plastic	
SPX086B (4 L)	Amber Plastic	



DOT: Not Regulated

Ferrous Ammonium Sulfate Working Solution

3 month expiration

Item No.	Pkg Type	Case
SPX841 (4 L)	Clear Plastic	



DOT: UN 2796 Sulfuric acid solution, 8, II

Ferrous Ammonium Sulfate 2% w/v Aqueous Solution

Item No.	Pkg Type	Case
3835-100ML	Clear Plastic	
3835-500ML	Clear Plastic	
3835-1L	Clear Plastic	

DOT: Not Regulated

Ferrous Ammonium Sulfate 0.05 Normal Certified

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
3838-4LG	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Ferrous Ammonium Sulfate 0.1 Normal Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
3840-100ML	Clear Plastic	12
3840-500ML	Clear Plastic	6
3840-1L	Clear Plastic	6
3840-4L	Clear Plastic	4
3840-4LC	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Ferrous Ammonium Sulfate 0.250 Normal Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
3850-500ML	Clear Plastic	6
3850-1L	Clear Plastic	6
3850-4L	Clear Plastic	4



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Ferrous Ammonium Sulfate 0.5 Normal Certified Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
3845-4LG	Amber Glass	
3845-10L	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Ferrous Chloride Reagent Grade, Crystal

$\text{FeCl}_2 \cdot 4\text{H}_2\text{O}$ F.W. 198.81 CAS# 13478-10-9

Item No.	Pkg Type	Case
F3010-125G	Clear Plastic	
F3010-500G	Clear Plastic	



DOT: UN 1759 Corrosive solids, n.o.s. (Ferrous Chloride), 8, II

Specifications

Assay as FeCl_2	62.5 - 66.0%
Arsenic (As)	$\leq 0.0001\%$
Insoluble matter	$\leq 0.01\%$
Phosphate (PO_4)	$\leq 0.001\%$
Sulfate (SO_4)	$\leq 0.01\%$
Substances not precipitated by NH_4OH	$\leq 0.10\%$

Ferrous Sulfate Heptahydrate Reagent ACS Grade

$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ F.W. 278.01 CAS# 7782-63-0

Item No.	Pkg Type	Case
F3030-125G	Clear Plastic	12
F3030-500G	Clear Plastic	12
F3030-2.5KG	Clear Plastic	4
F3030-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	$\geq 99.0\% \text{ FeSO}_4 \cdot 7\text{H}_2\text{O}$
Insoluble matter	$\leq 0.01\%$
Chloride (Cl)	$\leq 0.001\%$
Phosphate (PO_4)	$\leq 0.001\%$
Calcium (Ca)	$\leq 0.005\%$
Copper (Cu)	$\leq 0.005\%$
Magnesium (Mg)	$\leq 0.002\%$
Manganese (Mn)	$\leq 0.05\%$
Potassium (K)	$\leq 0.002\%$
Sodium (Na)	$\leq 0.02\%$
Zinc (Zn)	$\leq 0.005\%$
Ferric ion (Fe^{3+})	$\leq 0.1\%$

Ferrous Sulfate Laboratory Grade Crystal

FeSO₄•7H₂O F.W. 278.01 CAS# 7782-63-0

Item No.	Pkg Type	Case
F3031-500G	Clear Plastic	12
F3031-2.5KG	Clear Plastic	4



DOT: Not Regulated

Ferrous Sulfate 0.065 Molar Solution

Item No.	Pkg Type	Case
SPX901 (1 L)	Clear Plastic	



DOT: Not Regulated

Fluorescent Indicator Reagent (UOP80675)

Item No.	Pkg Type	Case
F4110-40G	Amber Glass	



DOT: Not Regulated

Fluorescein, Sodium Salt Laboratory Grade

C₂₀H₁₀O₅Na₂ F.W. 376.27 CAS# 518-47-8

Item No.	Pkg Type	Case
F5023-25G	Clear Plastic	
F5023-100G	Clear Plastic	
F5023-500G	Clear Plastic	
F5023-1KG	Clear Plastic	
F5023-2.5KG	1 Gallon Poly Lined Box	



DOT: Not Regulated

Fluorescein Dye 2% w/v Solution

Item No.	Pkg Type	Case
3851-100ML	Amber Glass	12

DOT: Not Regulated

Fluoride Buffer See TISAB Solution

Fluoride Standard 0.1 ppm w/v Aqueous Solution

1 month expiration

Item No.	Pkg Type	Case
3857-500ML	Clear Plastic	6
3857-1L	Clear Plastic	6

DOT: Not Regulated

Fluoride Standard 0.1 ppm In 50% TISAB

Item No.	Pkg Type	Case
SPX878 (500 ML)	Clear Plastic	



DOT: Not Regulated

Fluoride Standard 0.5 ppm w/v Aqueous Solution

1 month expiration

Item No.	Pkg Type	Case
3856-500ML	Clear Plastic	
3856-1L	Clear Plastic	

DOT: Not Regulated

Fluoride Standard 1.0 ppm w/v Certified Solution

1 month expiration

Item No.	Pkg Type	Case
3858-500ML	Clear Plastic	6
3858-1L	Clear Plastic	6
3858-4L	Clear Plastic	4

DOT: Not Regulated

Fluoride Standard 2.0 ppm w/v Certified Solution

Item No.	Pkg Type	Case
3859-500ML	Clear Plastic	6
3859-1L	Clear Plastic	6
3859-4L	Clear Plastic	4

DOT: Not Regulated

Fluoride Standard 5.0 ppm w/v Certified Solution

Item No.	Pkg Type	Case
3853-500ML	Clear Plastic	
3853-1L	Clear Plastic	

DOT: Not Regulated

Fluoride Standard 10.0 ppm w/v Certified Solution

Item No.	Pkg Type	Case
3860-100ML	Clear Plastic	12
3860-500ML	Clear Plastic	6
3860-1L	Clear Plastic	6
3860-4L	Clear Plastic	4

DOT: Not Regulated

Fluoride Standard 20.0 ppm w/v Certified Solution

Item No.	Pkg Type	Case
3881-1L	Clear Plastic	
3881-4L	Clear Plastic	

DOT: Not Regulated

Fluoride Standard 50.0 ppm w/v Certified Solution

Item No.	Pkg Type	Case
3854-500ML	Clear Plastic	
3854-1L	Clear Plastic	
3854-4L	Clear Plastic	
3854-10L	Cubitainer®	

DOT: Not Regulated

Fluoride Standard 100.0 ppm w/v Certified Solution

Item No.	Pkg Type	Case
3861-500ML	Clear Plastic	6
3861-1L	Clear Plastic	6
3861-4L	Clear Plastic	4
3861-10L	Cubitainer®	

DOT: Not Regulated

Fluoride Standard 200 ppm w/v Certified Solution

Item No.	Pkg Type	Case
3849-1L	Clear Plastic	
3849-4L	Clear Plastic	

DOT: Not Regulated



Fluoride Standard 500 ppm w/v Certified Solution

Item No.	Pkg Type	Case
3862-500ML	Clear Plastic	6
3862-1L	Clear Plastic	6
3862-4L	Clear Plastic	4

DOT: Not Regulated

Fluoride Standard 1,000 ppm w/v Certified Solution

Item No.	Pkg Type	Case
3855-500ML	Clear Plastic	6
3855-1L	Clear Plastic	6
3855-4L	Clear Plastic	4

DOT: Not Regulated

Fluoride Standard 4,000 ppm w/v Aqueous Solution

Item No.	Pkg Type	Case
3847-4L	Clear Plastic	

DOT: Not Regulated

Fluoride Standard 10,000 ppm w/v Aqueous Solution

Item No.	Pkg Type	Case
3863-500ML	Clear Plastic	6
3863-1L	Clear Plastic	6
3863-4L	Clear Plastic	4

DOT: Not Regulated

Formaldehyde, 37% Reagent ACS Grade

CH ₂ O	F.W. 30.03	CAS# 50-00-0
Item No.	Pkg Type	Case
F6025-500ML	Amber Glass	6
F6025-1L	Amber Glass	6
F6025-4L	Amber Glass	4
F6025-4LP	Clear Plastic	4
F6025-10L	Cubitainer®	
F6025-20L	Clear Plastic	
F6025-200L	Poly Drum	



DOT: UN 1198 Formaldehyde solutions, flammable, 3(8), III

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay	≥36.5-38.0%
Residue after ignition	≤ 0.005%
Titration acid	≤ 0.006 meq/g
Chloride(Cl)	≤ 5 ppm
Sulfate(SO ₄)	≤ 0.002%
Heavy Metals(as Pb)	≤ 5 ppm
Iron(Fe)	≤ 5 ppm
Color(APHA)	≤ 10

Formaldehyde, 37% Laboratory Grade

CH ₂ O	F.W. 30.03	
Item No.	Pkg Type	Case
F6029-500ML	Clear Plastic	6
F6029-1L	Clear Plastic	6
F6029-4L	Clear Plastic	4
F6029-20L	Clear Plastic	
F6029-20L(CUBE)	Cubitainer®	



DOT: UN 1198 Formaldehyde solutions, flammable, 3(8), III

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Formaldehyde (Formalin) 5% v/v Solution

Item No.	Pkg Type	Case
F6050-500ML	Clear Plastic	6
F6050-4L	Clear Plastic	4



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Formaldehyde (Formalin) 10% v/v Solution, Non-buffered

Item No.	Pkg Type	Case
F6055-500ML	Clear Plastic	6
F6055-1L	Clear Plastic	6
F6055-4L	Clear Plastic	4
F6055-20L	Cubitainer®	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Formaldehyde 10% v/v Buffered Solution

Item No.	Pkg Type	Case
F6060-500ML	Clear Plastic	6
F6060-1L	Clear Plastic	6
F6060-4L	Clear Plastic	4
F6060-20L	Cubitainer®	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Formazin Standards See Turbidity Standards

Formic Acid 88% Reagent ACS Grade

HC00H	F.W. 46.03	CAS# 64-18-6
Item No.	Pkg Type	Case
F6086-100ML	Clear Plastic	12
F6086-500ML	Clear Plastic	6
F6086-1L	Clear Plastic	
F6086-4L	Clear Plastic	4
F6086-10L	Cubitainer®	
F6086-20L	Clear Plastic	
F6086-200L	Poly Drum	



DOT: UN 1779 Formic acid, 8(3), II

Specifications

Assay	≥ 88.0% HCOOH
Color (APHA)	≤ 15
Dilution test	Passes Test
Residue after evaporation	≤ 0.002%
Acetic acid (CH ₃ COOH)	≤ 0.4%
Ammonium (NH ₄)	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.002%
Sulfite (SO ₃)	Passes Test
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

Formic Acid 90% Technical Grade

HC00H	F.W. 46.03	CAS# 64-18-6
Item No.	Pkg Type	Case
F6088-500ML	Clear Plastic	6
F6088-4L	Clear Plastic	4
F6088-20L	Clear Plastic	



DOT: UN 1779 Formic acid, 8(3), II

Gallic Acid, Anhydrous Reagent ACS Grade

C ₇ H ₆ O ₅	F.W. 170.12	CAS# 149-91-7
Item No.	Pkg Type	Case
G1600-1KG	Clear Plastic	



DOT: Not Regulated

Specifications

Assay	≥ 98.0%
Insoluble matter	≤ 0.01%
Residue after ignition	≤ 0.05%
Sulfate (SO ₄)	≤ 0.02%

Gallic Acid, Monohydrate Reagent ACS Grade

C ₆ H ₂ (OH) ₃ COOH•H ₂ O	F.W. 188.13	CAS# 5995-86-8
Item No.	Pkg Type	Case
G1601-100G	Clear Plastic	12
G1601-500G	Clear Plastic	12
G1601-2.5KG	Clear Plastic	



DOT: Not Regulated

Specifications

Assay	≥ 98.0%
Insoluble matter	≤ 0.01%
Residue after ignition	≤ 0.05%
Sulfate (SO ₄)	≤ 0.02%

Gallic Acid Saturated Solution

Item No.	Pkg Type	Case
3910-500ML	Clear Plastic	6
3910-1L	Clear Plastic	6

DOT: Not Regulated

Gardner Color Standard Set #1-#18 (ASTM D1544-58T)

Set contains 500 mls of Gardner Standards 1 - 18

Item No.	Pkg Type	Case
3909	Amber Glass	

Gardner Color Standard #0.5 Units (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3934-500ML	Amber Glass	



DOT: Not Regulated

Gardner Color Standard #1 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3911-500ML	Amber Glass	



DOT: Not Regulated

Gardner Color Standard #2 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3912-500ML	Amber Glass	



DOT: Not Regulated

Gardner Color Standard #3 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3913-500ML	Amber Glass	



DOT: Not Regulated

Gardner Color Standard #4 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3914-500ML	Amber Glass	



DOT: Not Regulated

Gardner Color Standard #5 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3915-500ML	Amber Glass	



DOT: Not Regulated

Gardner Color Standard #6 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3916-500ML	Amber Glass	



DOT: Not Regulated



Gardner Color Standard #7 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3917-500ML	Amber Glass	
 		
DOT: Not Regulated		

Gardner Color Standard #8 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3918-500ML	Amber Glass	
 		
DOT: Not Regulated		

Gardner Color Standard #9 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3919-500ML	Amber Glass	
 		
DOT: Not Regulated		

Gardner Color Standard #10 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3920-500ML	Amber Glass	
 		
DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, III		

Gardner Color Standard #11 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3921-500ML	Amber Glass	
 		
DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, III		

Gardner Color Standard #12 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3922-500ML	Amber Glass	
 		
DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, III		

Gardner Color Standard #13 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3923-500ML	Amber Glass	
 		
DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, III		

Gardner Color Standard #14 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3924-500ML	Amber Glass	
 		
DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid, Ferric Chloride Hexahydrate), 8, III		

Gardner Color Standard #15 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3925-500ML	Amber Glass	
 		
DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid, Ferric Chloride Hexahydrate), 8, III		

Gardner Color Standard #16 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3926-500ML	Amber Glass	
 		
DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid, Ferric Chloride Hexahydrate), 8, III		

Gardner Color Standard #17 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3927-500ML	Amber Glass	
 		
DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid, Ferric Chloride Hexahydrate), 8, III		

Gardner Color Standard #18 (ASTM D 1544-58T)

Item No.	Pkg Type	Case
3928-500ML	Amber Glass	
 		
DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid, Ferric Chloride Hexahydrate), 8, III		

Gelatin Laboratory Grade

CAS# 9000-70-8		
Item No.	Pkg Type	Case
G2015-500G	Clear Plastic	12
G2015-2.5KG	Clear Plastic	4
DOT: Not Regulated		

Gibberellic Acid With 10% Potassium Diluent

Item No.	Pkg Type	Case
G3606-1G	Amber Glass	
		
DOT: Not Regulated		

Glucose See Dextrose

Glucose Standard Solution 1% Aqueous (1 ml = 10 mg)

Item No.	Pkg Type	Case
G7100-500ML	Clear Plastic	6
DOT: Not Regulated		

Glucose-Glutamic Acid Solution APHA 5210: 5 Day BOD Analysis

3 week expiration

Item No.	Pkg Type	Case
3950-500ML	Clear Plastic	
3950-1L	Clear Plastic	

DOT: Not Regulated

L-Glutamic Acid 99% Reagent Grade

$C_5H_9NO_4$ F.W. 147.13 CAS# 56-86-0

Item No.	Pkg Type	Case
G6901-25G	Clear Plastic	
G6901-100G	Clear Plastic	

DOT: Not Regulated

Glycerin (Glycerol) Reagent ACS Grade

$C_3H_8(OH)_3$ F.W. 92.1 CAS# 56-81-5

Item No.	Pkg Type	Case
G7500-500ML	Amber Glass	6
G7500-1L	Amber Glass	6
G7500-4L	Amber Glass	4
G7500-20L	Clear Plastic	

DOT: Not Regulated

Specifications

Assay (by volume)	≥ 99.5% $C_3H_8(OH)_3$
Color (APHA)	≤ 10
Residue after ignition	≤ 0.005%
Neutrality	Passes Test
Chlorinated compounds (as Cl)	≤ 0.003%
Sulfate (SO_4)	≤ 0.001%
Acrolein and glucose	Passes Test
Fatty acid esters (as butyric acid)	≤ 0.05%
substances darkened by sulfuric acid	Passes Test
heavy metals (as Pb)	≤ 2 ppm
Water (H_2O)	≤ 0.5%

Glycerin (Glycerol), 99.5% Laboratory Grade

$C_3H_8(OH)_3$ F.W. 92.1 CAS# 56-81-5

Item No.	Pkg Type	Case
G7502-500ML	Clear Plastic	6
G7502-1L	Clear Plastic	6
G7502-4L	Clear Plastic	4
G7502-20L	Clear Plastic	

DOT: Not Regulated

Glycerin 50% v/v Solution

Item No.	Pkg Type	Case
3948-500ML	Amber Glass	
3948-280	Amber Glass	
3948-10L	Cubitainer®	
3948-20L	Cubitainer®	

DOT: Not Regulated

Glycerin Base TS

Item No.	Pkg Type	Case
ND237 (450 ML)	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, III

Gold (Au) AA Standard 30.0 ppm In 1% v/v HNO_3 NIST Traceable Solution

Item No.	Pkg Type	Case
ND612 (100 ML)	Clear Plastic	



DOT: Not Regulated

Gold (Au) AA Standard 60.0 ppm In 1% v/v HNO_3 NIST Traceable Solution

Item No.	Pkg Type	Case
ND613 (100 ML)	Clear Plastic	



DOT: Not Regulated

Gold AA Standard 1,000 mg/L (ppm) (1ml = 1 mg Au) NIST Traceable Solution

Item No.	Pkg Type	Case
3940-100ML	Amber Glass	
3940-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric Acid), 8, III

Grams Iodine Solution

Item No.	Pkg Type	Case
G8002-100ML	Amber Glass	12
G8002-500ML	Amber Glass	6
G8002-1L	Amber Glass	6
G8002-4L	Amber Glass	

DOT: Not Regulated

Guar Gum Laboratory Grade, Powder

$C_{10}H_{14}N_5Na_2O_{12}P_3$ F.W. 535.14 CAS# 9000-30-0

Item No.	Pkg Type	Case
G9008-100G	Clear Plastic	12
G9008-500G	Clear Plastic	
G9008-50LB	Fiber Drum	

DOT: Not Regulated

Gum Solvent (ASTM D381)

Item No.	Pkg Type	Case
SPX785 (4 L)	Amber Glass	4
SPX785A (20 L)	Metal Can	



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene, Acetone), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Hardness Indicator Powder APHA for EDTA Hardness

Item No.	Pkg Type	Case
3960-100G	Clear Plastic	12
3960-500G	Clear Plastic	12

DOT: Not Regulated

Hardness Indicator See also Calcium Hardness Indicator Powder

Hardness Indicator See also Water Hardness Indicator



Hardness Standard 5 ppm (mg/ml) as CaCO₃

Item No.	Pkg Type	Case
1732-1L	Clear Plastic	
DOT: Not Regulated		

Hardness Standard 10.0 ppm (mg/ml) as CaCO₃

Item No.	Pkg Type	Case
1731-1L	Clear Plastic	
DOT: Not Regulated		

Hardness Standard 4,000 ppm as CaCO₃, 0.04 M (Ca++)

Item No.	Pkg Type	Case
SPX331 (1 L)	Clear Plastic	
DOT: Not Regulated		

Hardness Standard 4,000 ppm as CaCO₃ (0.04 M MG++)

Item No.	Pkg Type	Case
SPX332 (1 L)	Clear Plastic	
DOT: Not Regulated		

Hardwater Standard 200 ppm Hardness as CaCO₃

Item No.	Pkg Type	Case
1726-20L	Cubitainer®	
DOT: Not Regulated		

n-Heptane Reagent Grade (n-Heptane >99%)

CH ₃ (CH ₂) ₅ CH ₃	F.W. 100.2	CAS# 142-82-5
Item No.	Pkg Type	Case
H1903-500ML	Amber Glass	6
H1903-1L	Amber Glass	6
H1903-4L	Amber Glass	4
H1903-4LP	Beta Bottle	
H1903-20L	Metal Can	
H1903-20LHP	Clear Plastic	



DOT: UN 1206 Heptanes, 3, II

Specifications

Appearance	Clear, colorless liquid
Assay (n-Heptane)	≥ 99.0%
Assay (as C7 Isomers)	≥ 99.9%
Benzene	≤ 2 ppm
Specific Gravity	0.680 - 0.695
Acidity (as Acetic Acid)	≤ 0.002%
Residue after Evaporation	≤ 10 ppm
Sulfur Compounds (as S)	≤ 0.005%
Water	≤ 0.05%
Titration Acid	≤ 0.0003 meq/g
Color (APHA)	≤ 10

n-Heptane HPLC Grade 99+%

CH ₃ (CH ₂) ₅ CH ₃	F.W. 100.2	CAS# 142-82-5
Item No.	Pkg Type	Case
H1904-1L	Amber Glass	6
H1904-4L	Amber Glass	4



DOT: UN 1206 Heptanes, 3, II

n-Heptane Primary Reference Fuel

CH ₃ (CH ₂) ₅ CH ₃	F.W. 100.2	CAS# 142-82-5
(Prepared to ASTM D2699-23b and D2700-23b)		
Item No.	Pkg Type	Case
H1907-4L	Amber Glass	
H1907-20L	Metal Can	
H1907-200L	Metal Drum	



DOT: UN 1206 Heptanes, 3, II

Heptane Laboratory Grade

CH ₃ (CH ₂) ₅ CH ₃	F.W. 100.2	CAS# 142-82-5
Item No.	Pkg Type	Case
H1905-500ML	Amber Glass	6
H1905-1L	Amber Glass	6
H1905-4L	Metal Can	4
H1905-4LG	Amber Glass	
H1905-20L	Metal Can	
H1905-20LHP	Clear Plastic	
H1905-200L	Metal Drum	



DOT: UN 1206 Heptanes, 3, II

Hexadecane / Stearic Acid 1:1 Spiking Solution

3 month expiration

Item No.	Pkg Type	Case
3980-100ML	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Acetone), 3, II

n-Hexadecane, 99+%

C ₁₆ H ₃₄	F.W. 226.44	CAS# 544-76-3
Item No.	Pkg Type	Case
H1925-100ML	Amber Glass	
H1925-500ML	Amber Glass	



DOT: Not Regulated

Hexamethylenetetramine Reagent ACS Grade

C ₆ H ₁₂ N ₄	F.W. 140.19	CAS# 100-97-0
Item No.	Pkg Type	Case
H1941-500G	Clear Plastic	



DOT: UN 1328 Hexamethylenetetramine, 4.1, III

Specifications

Assay (Dried basis)	≥ 99.0% (C ₆ H ₁₂ N ₄)
Loss on drying	≤ 2.0%
Residue after ignition	≤ 0.1%
Heavy metals (as Pb)	≤ 0.001%

Hexamethylenetetramine Laboratory Grade

C₆H₁₂N₄ **F.W. 140.19** **CAS# 100-97-0**

Item No.	Pkg Type	Case
H1940-100G	Clear Plastic	
H1940-500G	Clear Plastic	



DOT: UN 1328 Hexamethylenetetramine, 4.1, III

Hexamethylene Tetramine Buffer Solution pH 5.5 - 5.7

Item No.	Pkg Type	Case
3985-500ML	Amber Glass	



DOT: Not Regulated

Hexanes Reagent ACS Grade (>60% n-Hexane)

C₆H₁₄ **F.W. 86.18** **CAS# 110-54-3/1**

Item No.	Pkg Type	Case
H1950-500ML	Amber Glass	6
H1950-1L	Amber Glass	6
H1950-4L	Amber Glass	4
H1950-4L(PVC)	Coated Glass	4
H1950-20L	Metal Can	
H1950-200L	Metal Drum	



DOT: UN 1208 Hexanes, 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay n-Hexane ≥ 60.0%

Assay (Hexanes, sum of 5 isomers total
hexanes, plus methylcyclopentane) ≥ 98.5%

Color(APHA) ≤ 10

Residue after evaporation ≤ 0.001%

Water soluble titrable acid ≤ 0.0003 meq/g

Sulfur compounds (as S) ≤ 0.005%

Thiophene Passes Test

n-Hexane (UV) (>95% n-Hexane) High Purity

C₆H₁₄ **F.W. 86.18** **CAS# 110-54-3/1**

Item No.	Pkg Type	Case
H1951-500ML	Amber Glass	
H1951-4L	Amber Glass	4
H1951-20L	Metal Can	
H1951-200L	Metal Drum	



DOT: UN 1208 Hexanes, 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay (n-Hexane) ≥ 95.0%

Assay (Sum of isomers) ≥ 98.5%

Assay (as C-6 Hydrocarbons) ≥ 99.5%

Appearance Pass

Color (APHA) ≤ 10

Residue after Evaporation ≤ 10 ppm

Water ≤ 0.02%

Water soluble titrable acid ≤ 0.0003 meq/g max

Sulfur Compounds (as S) ≤ 50 ppm

Thiophene To pass test

n-Hexane (UV) (>95% n-Hexane) HPLC Grade

C₆H₁₄ **F.W. 86.18** **CAS# 110-54-3/1**

Item No.	Pkg Type	Case
H1953-1L	Amber Glass	
H1953-4L	Amber Glass	4



DOT: UN 1208 Hexanes, 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

n-Hexane (UV) >60% HPLC Grade

C₆H₁₄ **F.W. 86.18** **CAS# 110-54-3/1**

Item No.	Pkg Type	Case
H1952-4L	Amber Glass	4
H1952-4LSS	Amber Glass	



DOT: UN 1208 Hexanes, 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Hexanes (From Petroleum) Technical Grade

Item No.	Pkg Type	Case
H1955-500ML	Amber Glass	
H1955-1L	Amber Glass	
H1955-4L	Metal Can	4
H1955-20L	Metal Can	
H1955-200L	Metal Drum	



DOT: UN 1208 Hexanes, 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Hexane / Toluene 50% v/v Solution

Item No.	Pkg Type	Case
SPX301 (500 ML)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Hexane, Toluene), 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Hucker's Stain See Gention Violet

Hydrazine Sulfate Reagent ACS Grade

H₂NNH₂•H₂SO₄ **F.W. 130.13** **CAS# 10034-93-2**

Item No.	Pkg Type	Case
H2038-125G	Amber Glass	
H2038-500G	Clear Plastic	12



DOT: UN 3260 Corrosive solid, acidic, inorganic, n.o.s. (Hydrazine Sulfate), 8, III

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Specifications

Assay ≥ 99.0% (NH₂)₂H₂SO₄

Insoluble matter ≤ 0.005%

Residue after ignition ≤ 0.05%

Chloride (Cl) ≤ 0.005%

Heavy metals (as Pb) ≤ 0.002%

Iron (Fe) ≤ 0.001%



Hydrochloric Acid 37% Reagent ACS Grade

HCl F.W. 36.46 CAS# 7647-01-0/1

Item No.	Pkg Type	Case
H2505-250ML	Amber Glass	
H2505-500ML	Amber Glass	6
H2505-1L	Amber Glass	6
H2505-2.5L	Flint Glass	6
H2505-2.5L(PVC)	Coated Glass	6
H2505-4L	Clear Plastic	4
H2505-20L	Clear Plastic	
H2505-200L	Poly Drum	



DOT: UN 1789 Hydrochloric acid, 8, II

Specifications

Assay (HCl, w/w)	36.5-38%
Appearance	Clear
Residue after Ignition	≤ 5 ppm
Bromide (Br)	≤ 0.005%
Sulfate (SO ₄)	≤ 1 ppm
Sulfite (SO ₃)	≤ 1 ppm
Free Chlorine (Cl)	≤ 1 ppm
Ammonium (NH ₄)	≤ 3 ppm
Arsenic (As)	≤ 0.01 ppm
Heavy metals (as Pb)	≤ 1 ppm
Iron (Fe)	≤ 0.2 ppm
Color (APHA)	≤ 10

Hydrochloric Acid Trace Metals Grade

HCl F.W. 36.46 CAS# 7647-01-0/1

Item No.	Pkg Type	Case
H2501-2.5L	Clear Plastic	4



DOT: UN 1789 Hydrochloric acid, 8, II

Hydrochloric Acid 31-34% Technical Grade, 20° BE

HCl F.W. 36.46 CAS# 7647-01-0/1

Item No.	Pkg Type	Case
H2609-2.5L	Coated Glass	4
H2609-4L	Clear Plastic	4
H2609-20L	Clear Plastic	
H2609-15GAL	Clear Poly Drum	
H2609-200L	Poly Drum	



DOT: UN 1789 Hydrochloric acid, 8, II

Hydrochloric Acid 1 + 39, (ASTM D848)

Item No.	Pkg Type	Case
4092-4L	Clear Plastic	



Hydrochloric Acid 1% v/v Solution

Item No.	Pkg Type	Case
4380-500ML	Clear Plastic	
4380-1L	Clear Plastic	6
4380-4L	Clear Plastic	
4380-20L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid 1.5% v/v Solution

Item No.	Pkg Type	Case
4390-500ML	Clear Plastic	6
4390-1L	Clear Plastic	6



DOT: Not Regulated

Hydrochloric Acid 2% v/v Solution

Item No.	Pkg Type	Case
4388-500ML	Clear Plastic	6
4388-1L	Clear Plastic	6
4388-4L	Clear Plastic	4
4388-10L	Cubitainer®	
4388-20L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid 3% v/v Solution

Item No.	Pkg Type	Case
4392-500ML	Clear Plastic	
4392-1L	Clear Plastic	
4392-4LC	Cubitainer®	



DOT: UN 1789 Hydrochloric acid, 8, III

Hydrochloric Acid 5% v/v Solution

Item No.	Pkg Type	Case
4394-500ML	Clear Plastic	6
4394-1L	Clear Plastic	6
4394-4L	Clear Plastic	4
4394-4LC	Cubitainer®	
4394-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric Acid 5% v/v Trace Metals Grade

Item No.	Pkg Type	Case
4391-4L	Clear Plastic	4



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric acid 5.0% w/w NIST Traceable Solution

Assay = 4.90 - 5.10% w/w

Item No.	Pkg Type	Case
4422-500ML	Clear Plastic	6
4422-1L	Clear Plastic	6
4422-4L	Clear Plastic	
4422-4LC	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 10% v/v Solution

Item No.	Pkg Type	Case
4395-500ML	Clear Plastic	6
4395-1L	Clear Plastic	6
4395-4L	Clear Plastic	4
4395-4LC	Cubitainer®	
4395-10L	Cubitainer®	
4395-20L	Cubitainer®	
4395-20LHP	Clear Plastic	
4395-200L	Poly Drum	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 10% TS Solution

Item No.	Pkg Type	Case
SPX025 (250 ML)	Clear Plastic	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 10% w/w NIST Traceable Solution

Assay = 9.90 - 10.10% w/w

Item No.	Pkg Type	Case
4423-500ML	Clear Plastic	6
4423-1L	Clear Plastic	6
4423-4L	Clear Plastic	
4423-4LC	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 10% w/w Solution (Prepared to ASTM D128)

Item No.	Pkg Type	Case
4396-1L	Clear Plastic	
4396-4L	Clear Plastic	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 15% v/v Solution

Item No.	Pkg Type	Case
4398-500ML	Clear Plastic	6
4398-1L	Clear Plastic	6
4398-4L	Clear Plastic	4
4398-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 20% v/v Solution

Item No.	Pkg Type	Case
4400-500ML	Clear Plastic	6
4400-1L	Clear Plastic	6
4400-4L	Clear Plastic	4
4400-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 1 + 3 Solution 25% v/v Solution

Item No.	Pkg Type	Case
4405-500ML	Clear Plastic	
4405-1L	Clear Plastic	6
4405-4L	Clear Plastic	4
4405-4LC	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 25% v/v Solution

Item No.	Pkg Type	Case
4401-500ML	Clear Plastic	6
4401-1L	Clear Plastic	6
4401-4L	Clear Plastic	4
4401-10L	Cubitainer®	
4401-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 28% v/v Solution

Item No.	Pkg Type	Case
4402-500ML	Clear Plastic	
4402-1L	Clear Plastic	6
4402-4L	Clear Plastic	4
4402-10L	Cubitainer®	
4402-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 30% v/v Solution

Item No.	Pkg Type	Case
4412-500ML	Clear Plastic	6
4412-1L	Clear Plastic	6
4412-4L	Clear Plastic	4



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid (1:1) 50% v/v Solution (ASTM D1125)

Item No.	Pkg Type	Case
4420-500ML	Clear Plastic	6
4420-1L	Clear Plastic	6
4420-2.5L(PVC)	Coated Glass	
4420-4L	Clear Plastic	4
4420-4LC	Cubitainer®	4
4420-4LPVC	Coated Glass	
4420-10L	Cubitainer®	
4420-20L	Cubitainer®	
4420-20LHP	Clear Plastic	
4420-200L	Poly Drum	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 50% v/v Trace Metals Grade

Item No.	Pkg Type	Case
4421-1L	Clear Plastic	
4421-4L	Clear Plastic	



DOT: UN 1789 Hydrochloric acid solution, 8, II



Hydrochloric Acid

0.004 Normal NIST Traceable Solution

Normality = 0.0037 - 0.0043 @20°C

Item No.	Pkg Type	Case
4357-20L	Cubitainer®	
DOT: Not Regulated		

Hydrochloric Acid

0.005 Normal Solution

Normality = 0.00495 - 0.00505 @20°C

Item No.	Pkg Type	Case
4088-1L	Clear Plastic	6
4088-4L	Clear Plastic	4
4088-10L	Cubitainer®	

DOT: Not Regulated

Hydrochloric Acid

0.005 Normal in Methanol, NIST Traceable

Normality = 0.0047 - 0.0053 @20°C

Item No.	Pkg Type	Case
4086-1L	Amber Glass	
   		

DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Hydrochloric Acid

0.01 Normal NIST Traceable, Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
4090-120ML	Clear Plastic	12
4090-500ML	Clear Plastic	6
4090-1L	Clear Plastic	6
4090-4L	Clear Plastic	4
4090-4LC	Cubitainer®	4
4090-10L	Cubitainer®	
4090-20L	Cubitainer®	

DOT: Not Regulated

Hydrochloric Acid

0.01 Normal in IPA, NIST Traceable

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
4147-1L	Amber Glass	
4147-4LG	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Hydrochloric Acid

0.01 Normal in Methanol, NIST Traceable

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
4095-1L	Clear Plastic	6
4095-4L	Clear Plastic	4
4095-4LC	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Hydrochloric Acid

0.02 Normal NIST Traceable, Solution

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
4110-500ML	Clear Plastic	6
4110-1L	Clear Plastic	6
4110-4L	Clear Plastic	4
4110-4LC	Cubitainer®	4
4110-10L	Cubitainer®	
4110-20L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid

0.02 Normal in IPA, NIST Traceable

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
4111-1L	Clear Plastic	
4111-4LC	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Hydrochloric Acid

0.02 Normal in Methanol, NIST Traceable

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
4112-1L	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Hydrochloric Acid

0.03 Normal NIST Traceable Solution

Normality = 0.0295 - 0.0305 @20°C

Item No.	Pkg Type	Case
4108-1L	Clear Plastic	6
4108-4L	Clear Plastic	4
4108-20L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid

0.0333 Normal NIST Traceable Solution

Normality = 0.0330 - 0.0336 @20°C

Item No.	Pkg Type	Case
4113-1L	Clear Plastic	6
4113-4L	Clear Plastic	4
4113-20L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid

0.05 Normal NIST Traceable Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
4115-500ML	Clear Plastic	6
4115-1L	Clear Plastic	6
4115-4L	Clear Plastic	4
4115-4LC	Cubitainer®	4
4115-10L	Cubitainer®	
4115-20L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid

0.05 Normal In IPA, NIST Traceable

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
4117-1L	Clear Plastic	
4117-4L	Clear Plastic	
4117-4LC	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Hydrochloric Acid 0.05 Normal in Methanol, NIST Traceable

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
4116-1L	Clear Plastic	6
4116-4LG	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Hydrochloric Acid 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
4130-500ML	Clear Plastic	6
4130-1L	Clear Plastic	6
4130-1LG	Amber Glass	6
4130-4L	Clear Plastic	4
4130-4LC	Cubitainer®	4
4130-4LG	Amber Glass	
4130-10L	Cubitainer®	
4130-20L	Cubitainer®	
4130-20LHP	Clear Plastic	
4130-200L	Poly Drum	



DOT: Not Regulated

Hydrochloric Acid 0.1 Normal (BCG/MR/CO3) Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
4136-1L	Clear Plastic	
4136-4L	Clear Plastic	
4136-4LC	Cubitainer®	
4136-10L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid 0.1 Normal in IPA, NIST Traceable

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
4131-500ML	Clear Plastic	6
4131-1L	Clear Plastic	6
4131-2.5L	Coated Glass	
4131-4L	Clear Plastic	4
4131-4LC	Cubitainer®	4
4131-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Hydrochloric Acid 0.1 Normal in IPA (ASTM D664, D974)

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
4137-1L	Clear Plastic	
4137-4L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Hydrochloric Acid 0.1 Normal in Methanol, NIST Traceable

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
4133-500ML	Clear Plastic	6
4133-1L	Clear Plastic	6
4133-4L	Clear Plastic	4



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Hydrochloric Acid 0.1142 Normal NIST Traceable Solution

Normality = 0.1140 - 0.1144 @20°C

Item No.	Pkg Type	Case
4143-4L	Clear Plastic	
4143-10L	Cubitainer®	
4143-20L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid 0.125 Normal NIST Traceable Solution

Normality = 0.1247 - 0.1253 @20°C

Item No.	Pkg Type	Case
4142-1L	Clear Plastic	6
4142-4L	Clear Plastic	4



DOT: Not Regulated

Hydrochloric Acid 0.15 Normal NIST Traceable Solution

Normality = 0.1495 - 0.1505 @20°C

Item No.	Pkg Type	Case
4135-1L	Clear Plastic	6



DOT: Not Regulated

Hydrochloric Acid 0.178 Normal NIST Traceable

Normality = 0.1775 - 0.1785 @20°C

Item No.	Pkg Type	Case
4145-1L	Clear Plastic	
4145-4L	Clear Plastic	4
4145-4LC	Cubitainer®	4
4145-10L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid 0.2 Normal NIST Traceable Solution

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
4150-500ML	Clear Plastic	6
4150-1L	Clear Plastic	6
4150-4L	Clear Plastic	4
4150-4LC	Cubitainer®	
4150-10L	Cubitainer®	
4150-20L	Cubitainer®	



DOT: Not Regulated



Hydrochloric Acid 0.2 Normal in IPA (ASTM D664)

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
4132-500ML	Clear Plastic	6
4132-1L	Clear Plastic	6
4132-4L	Clear Plastic	4



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Hydrochloric Acid 0.25 Normal NIST Traceable Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
4170-500ML	Clear Plastic	6
4170-1L	Clear Plastic	6
4170-4L	Clear Plastic	4
4170-4LC	Cubitainer®	
4170-10L	Cubitainer®	
4170-20L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid 0.2576 Normal NIST Traceable Solution

Normality = 0.2572 - 0.2580 @20°C

Item No.	Pkg Type	Case
SPE979 (10 L)	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid 0.3 Normal NIST Traceable Solution

Normality = 0.2995 - 0.3005 @20°C

Item No.	Pkg Type	Case
4175-1L	Clear Plastic	6
4175-4L	Clear Plastic	4
4175-4LC	Cubitainer®	
4175-10L	Cubitainer®	
4175-20L	Cubitainer®	



DOT: Not Regulated

Hydrochloric Acid 0.3 Normal in IPA, NIST Traceable Solution

Normality = 0.2995 - 0.3005 @20°C

Item No.	Pkg Type	Case
4134-4L	Clear Plastic	4



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Hydrochloric Acid 0.34 Normal NIST Traceable, Solution

Normality = 0.3395 - 0.3405 @20°C

Item No.	Pkg Type	Case
SPX402 (4 L)	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, III

Hydrochloric Acid 0.4 Normal NIST Traceable Solution

Normality = 0.3995 - 0.4005 @20°C

Item No.	Pkg Type	Case
4180-4L	Clear Plastic	4
4180-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric Acid 0.5 Normal NIST Traceable Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
4190-500ML	Clear Plastic	6
4190-1L	Clear Plastic	6
4190-1LG	Amber Glass	
4190-4L	Clear Plastic	4
4190-4LC	Cubitainer®	4
4190-4LG	Amber Glass	4
4190-10L	Cubitainer®	
4190-20L	Cubitainer®	
4190-200L	Poly Drum	



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric Acid 0.5 Molar Solution (ASTM D94)

Molarity = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
4194-1L	Clear Plastic	
4194-4L	Clear Plastic	



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric Acid 0.5 Normal in IPA, NIST Traceable

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
4191-500ML	Clear Plastic	6
4191-1L	Clear Plastic	6
4191-4L	Clear Plastic	4
4191-4LC	Cubitainer®	4



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Isopropanol, Hydrochloric Acid), 3(8), II

Hydrochloric Acid 0.5 Normal in Methanol, NIST Traceable

Normality = 0.4991 - 0.5009 @20°C

Item No.	Pkg Type	Case
4192-500ML	Amber Plastic	
4192-1L	Clear Plastic	6
4192-4L	Clear Plastic	
4192-4LC	Cubitainer®	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Methanol, Hydrochloric Acid), 3(8), II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov

Hydrochloric Acid 0.5167 Normal NIST Traceable Solution

Normality = 0.5162 - 0.5172 @20°C

Item No.	Pkg Type	Case
4200-500ML	Clear Plastic	
4200-1L	Clear Plastic	6
4200-4L	Clear Plastic	4
4200-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid, 8, III

Hydrochloric Acid 0.6 Normal NIST Traceable Solution

Normality = 0.5995 - 0.6005 @20°C

Item No.	Pkg Type	Case
4250-4L	Clear Plastic	4
4250-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric Acid 0.773 Normal NIST Traceable Solution

Normality = 0.7725 - 0.7735 @20°C

Item No.	Pkg Type	Case
4270-10L	Cubitainer®	
4270-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric Acid 1.0 Normal NIST Traceable Solution

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
4350-500ML	Clear Plastic	6
4350-1L	Clear Plastic	6
4350-269	Media Bottle	
4350-4L	Clear Plastic	4
4350-4LC	Cubitainer®	4
4350-4LG	Amber Glass	
4350-10L	Cubitainer®	
4350-20L	Cubitainer®	
4350-20LHP	Clear Plastic	
4350-200L	Poly Drum	



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric Acid 1.0 Normal BCG/MR-Sodium Carbonate Certified

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
4352-500ML	Clear Plastic	
4352-1L	Clear Plastic	
4352-4L	Clear Plastic	
4352-4LC	Cubitainer®	
4352-4LG	Amber Glass	



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric Acid 1.0 Normal, (MR/THAM) NIST Traceable

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
4342-1L	Clear Plastic	
4342-4LC	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, III

Hydrochloric Acid 1.0 Normal in Methanol, NIST Traceable

Normality = 0.9985 - 1.0015 @20°C

Item No.	Pkg Type	Case
4351-1L	Clear Plastic	6
4351-4L	Clear Plastic	4



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Methanol, Hydrochloric Acid), 3(8), II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Hydrochloric Acid 1.1 Normal NIST Traceable Solution

Normality = 1.0992 - 1.1008 @20°C

Item No.	Pkg Type	Case
4353-1L	Clear Plastic	
4353-4L	Clear Plastic	
4353-4LC	Cubitainer®	4



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 1.2 Normal NIST Traceable Solution

Normality = 1.1995 - 1.2005 @20°C

Item No.	Pkg Type	Case
4354-1L	Clear Plastic	6
4354-4L	Clear Plastic	4
4354-10L	Cubitainer®	
4354-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 2.0 Normal NIST Traceable Solution

Normality = 1.9990 - 2.0010 @20°C

Item No.	Pkg Type	Case
4355-500ML	Clear Plastic	6
4355-1L	Clear Plastic	6
4355-1LG	Amber Glass	
4355-4L	Clear Plastic	4
4355-4LC	Cubitainer®	4
4355-10L	Cubitainer®	
4355-10LHP	Clear Plastic	
4355-20L	Cubitainer®	
4355-20LHP	Clear Plastic	
4355-200L	Poly Drum	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 2.5 Normal NIST Traceable Solution

Normality = 2.4980 - 2.5020 @20°C

Item No.	Pkg Type	Case
4356-500ML	Clear Plastic	6
4356-1L	Clear Plastic	6
4356-4L	Clear Plastic	4
4356-4LC	Cubitainer®	
4356-10L	Cubitainer®	
4356-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid 3.0 Normal NIST Traceable Solution

Normality = 2.9950 - 3.0050 @20°C

Item No.	Pkg Type	Case
4358-100ML	Clear Plastic	
4358-500ML	Clear Plastic	
4358-1L	Clear Plastic	6
4358-4L	Clear Plastic	4
4358-10L	Cubitainer®	
4358-10LHP	Clear Plastic	
4358-20L	Cubitainer®	
4358-200L	Poly Drum	



DOT: UN 1789 Hydrochloric acid solution, 8, II



Hydrochloric Acid

4.0 Normal NIST Traceable Solution

Normality = 3.9500 - 4.0500 @20°C

Item No.	Pkg Type	Case
4359-500ML	Clear Plastic	
4359-1L	Clear Plastic	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid

5.0 Normal NIST Traceable Solution

Normality = 4.9800 - 5.0200 @20°C

Item No.	Pkg Type	Case
4360-500ML	Clear Plastic	6
4360-1L	Clear Plastic	6
4360-4L	Clear Plastic	4
4360-4LC	Cubitainer®	4
4360-20L	Cubitainer®	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrochloric Acid

6.0 Normal NIST Traceable Solution

Normality = 5.950 - 6.050 @20°C

Item No.	Pkg Type	Case
4370-500ML	Clear Plastic	6
4370-1L	Clear Plastic	6
4370-1LG	Amber Glass	6
4370-2.5L	Coated Glass	
4370-4L	Clear Plastic	4
4370-4LC	Cubitainer®	
4370-10L	Cubitainer®	
4370-20L	Cubitainer®	
4370-20LHP	Clear Plastic	
4370-200L	Poly Drum	



DOT: UN 1789 Hydrochloric acid solution, 8, II

Hydrogen Peroxide

3% w/w Reagent Grade Solution

Assay = 3.00 - 3.50% w/w

Item No.	Pkg Type	Case
H3075-500ML	Amber Plastic	6
H3075-1L	Amber Plastic	6
H3075-4L	Amber Plastic	4
H3075-4LC	Cubitainer®	
H3075-20L	Cubitainer®	4

DOT: Not Regulated

Specifications

Assay (H ₂ O ₂)	3.0 - 3.5%
Evaporation residue	≤ 0.05%
Free acid (as H ₂ SO ₄)	≤ 0.01%
Nitrogen compounds (as N)	≤ 0.005%
Phosphate (PO ₄)	≤ 0.003%
Sulfate (SO ₄)	≤ 0.005%
Chloride (Cl)	≤ 5 ppm
Arsenic (As)	≤ 0.1 ppm
Heavy metals (asPb)	≤ 1 ppm
Iron (Fe)	≤ 5 ppm

Hydrogen Peroxide

3% w/w Laboratory Grade Solution

Assay = 3.00 - 3.50% w/w

Item No.	Pkg Type	Case
H3076-500ML	Amber Plastic	6
H3076-1L	Amber Plastic	6
H3076-4L	Amber Plastic	4
H3076-20L	Cubitainer®	

DOT: Not Regulated

Hydrogen Peroxide

5% w/w Laboratory Grade Solution

Assay = 4.80 - 5.40% w/w

Item No.	Pkg Type	Case
H3079-1L	Amber Plastic	6



DOT: Not Regulated

Hydrogen Peroxide

6% w/w Laboratory Grade Solution

Assay = 5.80 - 6.40% w/w

Item No.	Pkg Type	Case
H3081-500ML	Amber Plastic	6
H3081-1L	Amber Plastic	
H3081-4L	Amber Plastic	4
H3081-20L	Cubitainer®	
H3081-200L	Poly Drum	



DOT: Not Regulated

Hydrogen Peroxide

10% w/w Laboratory Grade Solution

Assay = 9.80 - 10.50% w/w

Item No.	Pkg Type	Case
H3085-500ML	Amber Plastic	
H3085-1L	Amber Plastic	6
H3085-4L	Amber Plastic	4
H3085-10LC	Cubitainer®	
H3085-20L	Clear Plastic	
H3085-200L	Poly Drum	



DOT: UN 2984 Hydrogen peroxide, aqueous solutions, 5.1, III

Hydrogen Peroxide Solution 31% w/w Reagent ACS Grade

H ₂ O ₂	F.W. 34.01	CAS# 7722-84-1
Item No.	Pkg Type	Case
H3000-100ML	Clear Plastic	12
H3000-500ML	Clear Plastic	6
H3000-1L	Clear Plastic	
H3000-4L	Clear Plastic	4
H3000-10L	Clear Plastic	
H3000-20L	Clear Plastic	
H3000-30GAL	Poly Drum	
H3000-200L	Poly Drum	



DOT: UN 2014 Hydrogen peroxide, aqueous solutions, 5.1(8), II

Specifications

Assay	29.0-32.0%
Residue after evaporation	≤ 0.002%
Titration acid	≤ 0.0006 meq/g
Chloride (Cl)	≤ 2 ppm
Nitrate (NO ₃)	≤ 2 ppm
Phosphate (PO ₄)	≤ 2 ppm
Sulfate (SO ₄)	≤ 5 ppm
Ammonium (NH ₄)	≤ 5 ppm
Heavy Metals (as Pb)	≤ 1 ppm
Iron (Fe)	≤ 0.5 ppm
Color (APHA)	≤ 10

Hydrogen Peroxide Solution 35% w/w Technical Grade

H ₂ O ₂	F.W. 34.01	CAS# 7722-84-1
Item No.	Pkg Type	Case
H3025-500ML	Clear Plastic	6
H3025-1L	Clear Plastic	6
H3025-4L	Clear Plastic	4
H3025-10L	Clear Plastic	
H3025-20L	Clear Plastic	
H3025-200L	Poly Drum	



DOT: UN 2014 Hydrogen peroxide, aqueous solutions, 5.1(8), II

Hydrogen Peroxide Solution 35% For Dilutions

H ₂ O ₂	F.W. 34.01	CAS# 7722-84-1
Item No.	Pkg Type	Case
H3012-20L	Clear Plastic	
H3012-200L	Poly Drum	



DOT: UN 2014 Hydrogen peroxide, aqueous solutions, 5.1(8), II

Hydrogen Peroxide 20 ppm Solution

Item No.	Pkg Type	Case
SPX845 (4 L)	Amber Plastic	
DOT: Not Regulated		

Hydrogen Peroxide 500 ppm w/w Solution, Certified

Item No.	Pkg Type	Case
SPX190 (1 L)	Amber Plastic	
DOT: Not Regulated		

Calibration Stock Solution 1,000 mg/L Hydrogen Peroxide

Item No.	Pkg Type	Case
SPX620 (1 L)	Amber Glass	
DOT: Not Regulated		

Hydroquinone Laboratory Grade Crystal

C ₆ H ₆ O ₂	F.W. 110.11	CAS# 123-31-9
Item No.	Pkg Type	Case
H3500-100G	Amber Glass	
H3500-500G	Clear Plastic	
H3500-2.5KG	Clear Plastic	



DOT: UN 3077 Environmentally hazardous substance, solid, n.o.s. (1,4-dihydroxybenzene), 9, III

Hydroquinone Photographic Grade

C ₆ H ₆ O ₂	F.W. 110.11	CAS# 123-31-9
Item No.	Pkg Type	Case
H3502-20KG	Fiber Drum	
H3502-50LB	Fiber Drum	



DOT: UN 3077 Environmentally hazardous substance, solid, n.o.s. (1,4-dihydroxybenzene), 9, III

Hydroxy Naphthol Blue Indicating Powder in NaCl

Item No.	Pkg Type	Case
H3800-100G	Clear Plastic	
H3800-500G	Clear Plastic	
DOT: Not Regulated		

Hydroxylamine Hydrochloride Reagent ACS Grade

NH ₂ OH•HCl	F.W. 69.49	CAS# 5470-11-1
Item No.	Pkg Type	Case
H3699-125G	Clear Plastic	
H3699-500G	Clear Plastic	
H3699-2.5KG	Clear Plastic	



DOT: UN 2923 Corrosive solids, toxic, n.o.s. (Hydroxylamine Hydrochloride), 8(6.1), III

Specifications

Assay	≥ 96.0%
Residue after ignition	≤ 0.05%
Titration free acid	≤ 0.25 meq/g
Sulfur Compounds(as SO ₄)	≤ 0.005%
Ammonium (NH ₄)	Passes test
Heavy Metals(as Pb)	≤ 5 ppm
Iron(Fe)	≤ 5 ppm
Clarity of alcohol solution	Passes test

Hydroxylamine Hydrochloride Reagent ACS Grade, Suitable for Mercury Analysis

NH ₂ OH•HCl Suitable for Mercury Analysis	F.W. 69.49	CAS# 5470-11-1
Item No.	Pkg Type	Case
H3695-500G	Amber Glass	
H3695-1KG	Amber Glass	



DOT: UN 2923 Corrosive solids, toxic, n.o.s. (Hydroxylamine Hydrochloride), 8(6.1), III

Specifications

Assay	≥ 96.0%
Residue after ignition	≤ 0.05%
Titration free acid	≤ 0.25 meq/g
Sulfur Compounds(as SO ₄)	≤ 0.005%
Mercury (Hg)	≤ 0.05 ppm
Ammonium (NH ₄)	Passes test
Heavy Metals(as Pb)	≤ 5 ppm
Iron(Fe)	≤ 5 ppm
Clarity of alcohol solution	Passes test



Hydroxylamine Hydrochloride Laboratory Grade Crystal

$\text{NH}_2\text{OH}\cdot\text{HCl}$ F.W. 69.49 CAS# 5470-11-1

Item No.	Pkg Type	Case
H3700-100G	Clear Plastic	12
H3700-500G	Clear Plastic	12



DOT: UN 2923 Corrosive solids, toxic, n.o.s.
(Hydroxylamine Hydrochloride), 8(6.1), III

Hydroxylamine Hydrochloride 0.1% w/v in Methanol

Item No.	Pkg Type	Case
SPX228 (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol),
3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Hydroxylamine Hydrochloride 2% w/v Solution

Item No.	Pkg Type	Case
4428-500ML	Clear Plastic	
4428-1L	Clear Plastic	
4428-4L	Clear Plastic	



DOT: Not Regulated

Hydroxylamine Hydrochloride 3% w/v Solution

Item No.	Pkg Type	Case
SPE489A (500 ML)	Clear Plastic	
SPE489 (1 L)	Clear Plastic	6



DOT: Not Regulated

Hydroxylamine Hydrochloride 7% w/v Solution

Item No.	Pkg Type	Case
4429-1L	Clear Plastic	6



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydroxylamine
Hydrochloride), 8, III

Hydroxylamine Hydrochloride 10% w/v Solution (ASTM E394)

Item No.	Pkg Type	Case
4430-100ML	Clear Plastic	
4430-500ML	Clear Plastic	6
4430-1L	Clear Plastic	6
4430-1LG	Amber Glass	
4430-4L	Clear Plastic	4
4430-20L	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydroxylamine
Hydrochloride), 8, III

Hydroxylamine Hydrochloride 10% Solution APHA 3500

Item No.	Pkg Type	Case
4431-500ML	Clear Plastic	
4431-1L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydroxylamine
Hydrochloride), 8, III

Hydroxylamine Hydrochloride 20% w/v Solution

Item No.	Pkg Type	Case
4450-100ML	Clear Plastic	
4450-500ML	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydroxylamine
Hydrochloride), 8, III

Hydroxylamine Hydrochloride 30% w/v Solution (ASTM E200)

Item No.	Pkg Type	Case
4460-500ML	Clear Plastic	6
4460-1L	Clear Plastic	6



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydroxylamine
Hydrochloride), 8, III

Hydroxylamine Hydrochloride 50% w/v Solution

APHA for Mercury

Item No.	Pkg Type	Case
4470-500ML	Clear Plastic	
4470-1L	Clear Plastic	
4470-4L	Clear Plastic	
4470-20L	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydroxylamine
Hydrochloride), 8, III

Hydroxylamine Hydrochloride 1.0 Normal Solution, pH = 3.4

Item No.	Pkg Type	Case
4435-1L	Clear Plastic	6
4435-4L	Clear Plastic	4



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydroxylamine
Hydrochloride), 8, III

Hydroxylamine Sulfate Reagent ACS Grade

$(\text{NH}_2\text{OH})_2\cdot\text{H}_2\text{SO}_4$ F.W. 164.14 CAS# 10039-54-0

Item No.	Pkg Type	Case
H3795-500G	Clear Plastic	12
H3795-50KG	Fiber Drum	



DOT: UN 2865 Hydroxylamine sulfate, 8, III

Specifications

Assay $(\text{HONH}_2)_2\text{SO}_4$	≥ 99.0%
Residue after ignition	≤ 0.05%
Chloride (Cl)	≤ 0.001%
Heavy metals (as Pb)	≤ 5 ppm
Copper (Cu)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

8-Hydroxyquinoline Reagent ACS Grade

HOC₉H₆N **F.W. 145.16** **CAS# 148-24-3**

Item No.	Pkg Type	Case
H3832-125G	White Plastic	
H3832-500G	Clear Plastic	



DOT: Not Regulated

Specifications

Melting Point	72.5 - 74.0° C
Suitability for magnesium determination	Passes test
Insoluble in Alcohol	≤ 0.05%
Residue after evaporation	≤ 0.05%
Sulfate (SO ₄)	≤ 0.02%

Imidazole Certified

C₄H₄N₂ **F.W. 68.08** **CAS# 288-32-4**

Item No.	Pkg Type	Case
I0905-100G	Amber Glass	
I0905-500G	Amber Glass	



DOT: UN 3263 Corrosive solid, basic, organic, n.o.s. (Imidazole), 8, III

Indicator Solution See Universal or Specific Indicator

Indigo Carmine Biological Stain

C₁₆H₈N₂O₄S₂Na₂ **F.W. 466.36** **CAS# 860-22-0**

Item No.	Pkg Type	Case
I1003-10G	Amber Glass	
I1003-25G	Amber Glass	12
I1003-100G	Amber Glass	



DOT: Not Regulated

Inorganic Carbon Standard 2.0 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4543-500ML	Clear Plastic	
4543-1L	Clear Plastic	

DOT: Not Regulated

Inorganic Carbon Standard 10.0 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4548-500ML	Clear Plastic	
4548-1L	Clear Plastic	

DOT: Not Regulated

Inorganic Carbon Standard 20.0 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4549-500ML	Clear Plastic	

DOT: Not Regulated

Inorganic Carbon Standard 25.0 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4551-500ML	Clear Plastic	
4551-1L	Clear Plastic	

DOT: Not Regulated

Inorganic Carbon Standard 50.0 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4550-500ML	Clear Plastic	
4550-1L	Clear Plastic	

DOT: Not Regulated

Inorganic Carbon Standard 100.0 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4552-500ML	Clear Plastic	
4552-1L	Clear Plastic	

DOT: Not Regulated

Inorganic Carbon Standard 150 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4540-500ML	Clear Plastic	
4540-1L	Clear Plastic	
4540-4L	Clear Plastic	

DOT: Not Regulated

Inorganic Carbon Standard 200 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4553-500ML	Clear Plastic	
4553-1L	Clear Plastic	

DOT: Not Regulated

Inorganic Carbon Standard 500 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4555-500ML	Clear Plastic	
4555-1L	Clear Plastic	

DOT: Not Regulated

Inorganic Carbon Standard 1,000 ppm Certified Solution

2 month expiration

Item No.	Pkg Type	Case
4554-500ML	Clear Plastic	
4554-1L	Clear Plastic	

DOT: Not Regulated

Iodide 1,000 ppm as I from KI in Water

Item No.	Pkg Type	Case
SPX815 (1 L)	Amber Plastic	



DOT: Not Regulated



Iodine *DEA regulated item Reagent ACS Grade Crystal

I₂ F.W. 253.81 CAS# 7553-56-2
*DEA regulated item

Item No.	Pkg Type	Case
I3100-30G	Amber Glass	
I3100-125G	Amber Glass	
I3100-500G	Amber Glass	
I3100-2.5KG	Amber Glass	
I3100-12KG	White Pail	



DOT: UN 3495 Iodine, 8(6.1), III

Specifications

Assay	≥ 99.8%
Chlorine and Bromine (as Cl)	≤ 0.005%
Nonvolatile matter	≤ 0.01%

Iodine Solution 0.006 Normal

Normality = 0.0057 - 0.0063 @20°C

Item No.	Pkg Type	Case
SPE817 (1 L)	Amber Glass	

DOT: Not Regulated

Iodine 0.01 Normal Certified Aqueous Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
4655-500ML	Amber Glass	6
4655-1L	Amber Glass	6
4655-4L	Amber Glass	4
4655-10L	Cubitainer®	

DOT: Not Regulated

Iodine 0.02 Normal Certified Aqueous Solution

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
4699-1L	Amber Glass	6
4699-4L	Amber Glass	4

DOT: Not Regulated

Iodine 0.025 Normal (N/40) Certified Aqueous Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
4650-500ML	Amber Glass	6
4650-1L	Amber Glass	6
4650-4L	Amber Glass	4
4650-20L	Cubitainer®	



DOT: Not Regulated

Iodine 0.0282 Normal Certified Aqueous Solution

Normality = 0.0278 - 0.0286 @20°C

Item No.	Pkg Type	Case
4700-500ML	Amber Glass	6
4700-1L	Amber Glass	6
4700-4L	Amber Glass	4

DOT: Not Regulated

Iodine 0.0473 Normal Certified Aqueous Solution

Normality = 0.04727 - 0.04733 @20°C

Item No.	Pkg Type	Case
4704-1L	Amber Glass	6
4704-4L	Amber Glass	4



DOT: Not Regulated

Iodine 0.05 Normal Certified Aqueous Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
4744-1L	Amber Glass	
4744-4L	Amber Glass	4



DOT: Not Regulated

Iodine 0.1 Normal Certified Aqueous Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
4750-100ML	Amber Glass	12
4750-100MLP	Amber Plastic	
4750-250ML	Amber Glass	12
4750-500ML	Amber Glass	6
4750-1L	Amber Glass	6
4750-2.5L	Amber Glass	6
4750-4L	Amber Glass	4
4750-4LC	Cubitainer®	4
4750-4LPVC	Coated Glass	4
4750-10L	Cubitainer®	
4750-20L	Cubitainer®	



DOT: Not Regulated

Iodine 0.125 Normal Certified Aqueous Solution

Normality = 0.1245 - 0.1255 @20°C

Item No.	Pkg Type	Case
4755-500ML	Amber Glass	6
4755-1L	Amber Glass	6



DOT: Not Regulated

Iodine 0.2 Normal Certified Aqueous Solution

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
4770-1L	Amber Glass	6
4770-4L	Amber Glass	4



DOT: Not Regulated

Iodine 0.5 Normal Certified Aqueous Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
4790-1L	Amber Glass	
4790-4L	Coated Glass	



DOT: Not Regulated

Iodine 1.0 Normal Certified Aqueous Solution

Normality = 0.9991 - 1.0009 @20°C

Item No.	Pkg Type	Case
4800-500ML	Amber Glass	
4800-1L	Amber Glass	
4800-4L	Amber Glass	



DOT: Not Regulated

Iodine & Potassium Iodide TS 3 Prepare to USP42 NF37

Item No.	Pkg Type	Case
SPX796 (500 ML)	Amber Glass	



DOT: Not Regulated

Iodine Solution (Prepared to ASTM D3237)

Item No.	Pkg Type	Case
SPX769 (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene), 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Iodine Starch Test Solution

Item No.	Pkg Type	Case
I3119-100ML	Amber Glass	12
I3119-500ML	Amber Glass	6



DOT: Not Regulated

Iodine Monochloride Wijs Solution

For Iodine Number

Item No.	Pkg Type	Case
4830-100ML	Amber Glass	
4830-500ML	Amber Glass	
4830-1L	Amber Glass	
4830-4L	Amber Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s.
(Acetic Acid, Glacial, Iodine Monochloride), 8(3), II

Iodine Monochloride Wijs Solution for AOAC Iodine Absorption

Item No.	Pkg Type	Case
4835-500ML	Amber Glass	
4835-1L	Amber Glass	
4835-4L	Amber Glass	4



DOT: UN 2920 Corrosive liquids, flammable, n.o.s.
(Acetic Acid, Glacial, Iodine Monochloride), 8(3), II

Ionic Strength Adjuster for Ammonia See Ammonia Ionic Strength Adjuster Solution

Ionic Strength Adjuster for Nitrate See Ammonium Sulfate 2M ISA

Ionic Strength Adjuster for Sodium See Ammonium Hydroxide 4M - Ammonium Chloride 4M

Iron Metal Filings

Fe	F.W. 55.85	CAS# 7439-89-6
Item No.	Pkg Type	Case
I6554-500G	Clear Plastic	12

DOT: Not Regulated

Iron Metal Filings Fine

Fe	F.W. 55.85	CAS# 7439-89-6
Item No.	Pkg Type	Case
I6553-500G	Clear Plastic	12
I6553-2.5KG	Clear Plastic	4
I6553-12KG	Clear Plastic	

DOT: Not Regulated

Iron Standard 1.0 ppm w/w in dilute nitric acid

Item No.	Pkg Type	Case
SPX097 (500 ML)	Clear Plastic	

DOT: Not Regulated

Iron Standard 10.0 mg/L 1 ml = 0.01 mg Fe (ASTM E200, E394)

Item No.	Pkg Type	Case
4851-100ML	Clear Plastic	
4851-250ML	Clear Plastic	
4851-500ML	Clear Plastic	
4851-1L	Clear Plastic	



DOT: Not Regulated

Iron AA Standard 25 mg/L (ppm) NIST Traceable Solution

Item No.	Pkg Type	Case
4838-500ML	Clear Plastic	

DOT: Not Regulated

Iron AA Standard 50 mg/L (ppm) NIST Traceable Solution

Item No.	Pkg Type	Case
4839-500ML	Clear Plastic	



DOT: Not Regulated



Iron AA Standard 100 mg/L (ppm) (1 ML = 0.1 mg Fe) NIST Traceable Solution

Item No.	Pkg Type	Case
4842-100ML	Clear Plastic	
4842-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Iron AA Standard 200 mg/L (ppm) NIST Traceable Solution

Item No.	Pkg Type	Case
4840-100ML	Clear Plastic	
4840-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Iron Standard 250 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
4846-1L	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, II

Iron AA Standard 1,000 ppm (mg/L) NIST Traceable Solution

Item No.	Pkg Type	Case
4850-100ML	Clear Plastic	
4850-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Iron Standard 10,000 ppm w/v in 2.5% v/v HNO₃ (1 ml = 10 mg Fe)

Item No.	Pkg Type	Case
4855-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

ISA Buffer for Calcium See Calcium ISA Buffer

Isobutyl Alcohol (2-Methyl-1-propanol) Reagent ACS Grade

(CH ₃) ₂ CHCH ₂ OH	F.W. 74.12	CAS# 78-83-1
Item No.	Pkg Type	Case
I7550-500ML	Amber Glass	6
I7550-1L	Amber Glass	6
I7550-4L	Amber Glass	4



DOT: UN 1212 Isobutanol, 3, III

Specifications

Assay ((CH ₃) ₂ CHCH ₂ OH)	≥ 99.0%
Residue after evaporation	≤ 0.001%
Solubility in water	Passes Test
Titration Acid	≤ 0.0005 meq/g
Water (H ₂ O)	≤ 0.1%
Carbonyl compounds(butyraldehyde)	≤ 0.01%
Carbonyl compounds(2-butanone)	≤ 0.02%
Color (APHA)	≤ 10

Isooctane See 2,2,4-Trimethylpentane

Isopropyl Alcohol (2-Propanol) Reagent ACS Grade

(CH ₃) ₂ CHOH	F.W. 60.1	CAS# 67-63-0/1
Item No.	Pkg Type	Case
I7600-500ML	Amber Glass	6
I7600-1L	Amber Glass	6
I7600-1LP	Clear Plastic	
I7600-4L	Amber Glass	4
I7600-4L(PVC)	Coated Glass	4
I7600-4LP	Clear Plastic	4
I7600-10LC	Cubitainer®	
I7600-20L	Metal Can	
I7600-20LC	Cubitainer®	
I7600-20LHP	Clear Plastic	
I7600-200L	Metal Drum	



DOT: UN 1219 Isopropanol, 3, II

Specifications

Assay	≥ 99.5% CH ₃ CHOHCH ₃
Carbonyl Compounds (Acetone)	≤ 0.002%
Carbonyl Compounds (Propionaldehyde)	≤ 0.002%
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.001%
Solubility in Water	Passes Test
Water (H ₂ O)	≤ 0.2%
Titration Acid or Base	≤ 0.0001 meq

Isopropyl Alcohol (2-Propanol) HPLC Grade

(CH ₃) ₂ CHOH	F.W. 60.1	CAS# 67-63-0/1
Item No.	Pkg Type	Case
I7604-1L	Amber Glass	
I7604-4L	Amber Glass	4



DOT: UN 1219 Isopropanol, 3, II

Isopropyl Alcohol (2-Propanol) Histological Grade

(CH ₃) ₂ CHOH	F.W. 60.1	CAS# 67-63-0/1
Item No.	Pkg Type	Case
I7602-4L	Clear Plastic	4



DOT: UN 1219 Isopropanol, 3, II

Isopropyl Alcohol (2-Propanol) Laboratory Grade

(CH₃)₂CHOH F.W. 60.1 CAS# 67-63-0/1

Item No.	Pkg Type	Case
I7612-500ML	Amber Glass	6
I7612-1L	Clear Plastic	6
I7612-4L	Clear Plastic	4
I7612-4LC	Cubitainer®	
I7612-4LG	Amber Glass	
I7612-20L	Metal Can	
I7612-20LC	Cubitainer®	
I7612-20LHP	Clear Plastic	
I7612-200L	Metal Drum	



DOT: UN 1219 Isopropanol, 3, II

Isopropyl Alcohol 1 + 1 (ASTM D3712)

Item No.	Pkg Type	Case
I7617-1L	Clear Plastic	
I7617-4L	Clear Plastic	4



DOT: UN 1219 Isopropanol Solution, 3, II

Isopropyl Alcohol 70% v/v Solution

Item No.	Pkg Type	Case
I7615-500ML	Clear Plastic	6
I7615-1L	Clear Plastic	6
I7615-4L	Clear Plastic	4
I7615-20L	Cubitainer®	
I7615-20LHP	Clear Plastic	
I7615-200L	Poly Drum	



DOT: UN 1219 Isopropanol Solution, 3, II

Isopropyl Alcohol 80% v/v in Water

Item No.	Pkg Type	Case
I7616-1L	Amber Glass	



DOT: UN 1219 Isopropanol Solution, 3, II

Isopropyl Alcohol 90% v/v Solution

Item No.	Pkg Type	Case
I7613-500ML	Clear Plastic	6
I7613-1L	Clear Plastic	6
I7613-4L	Clear Plastic	4
I7613-20L	Cubitainer®	



DOT: UN 1219 Isopropanol solution, 3, II

Isopropanol-Water 90:10 v/v Solution

Item No.	Pkg Type	Case
I7614-4L	Clear Plastic	



DOT: UN 1219 Isopropanol solution, 3, II

Isopropanol- Ammonium Acetate Buffer

Item No.	Pkg Type	Case
SPE444 (10 L)	Cubitainer®	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Isopropanol, Acetic Acid, Glacial), 3(8), II

Kaolin (China Clay) Powder

CAS# 92704-41-1

Item No.	Pkg Type	Case
K2502-500G	Clear Plastic	12
K2502-2.5KG	White Pail	4

DOT: Not Regulated

Keller's Etching Reagent

Item No.	Pkg Type	Case
SPX812 (250 ML)	Clear Plastic	



DOT: UN 2922 Corrosive liquids, toxic, n.o.s. (Hydrofluoric Acid 49-51% Aqueous Solution, Nitric Acid), 8(6.1), II

Kerosene Deodorized

Item No.	Pkg Type	Case
K4601-500ML	Amber Glass	6
K4601-1L	Amber Glass	6
K4601-4L	Metal Can	4
K4601-4LG	Amber Glass	4
K4601-20L	Metal Can	
K4601-200L	Metal Drum	



DOT: UN 1223 Kerosene, 3, III

 WARNING: Cancer - www.P65Warnings.ca.gov.

Kovac's Aldehyde Reagent For Indole

Item No.	Pkg Type	Case
4940-100ML	Amber Glass	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Amyl alcohol, Hydrochloric Acid), 3(8), II

Lactic Acid 85% Reagent ACS Grade

CH₃CH(OH)COOH F.W. 90.08 CAS# 50-21-5

Item No.	Pkg Type	Case
L1048-100ML	Amber Glass	12
L1048-500ML	Amber Glass	6
L1048-4L	Amber Glass	4



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Lactic Acid), 8, III

Specifications

Assay	85.0-90.0% C ₃ H ₅ O ₃
Substances darkened by sulfuric acid	Passes test
Residue after ignition	≤ 0.02%
Chloride (Cl)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm



Lactic Acid 85-90% Laboratory Grade

$\text{CH}_3\text{CH}(\text{OH})\text{COOH}$ F.W. 90.08 CAS# 50-21-5

Item No.	Pkg Type	Case
L1050-100ML	Amber Glass	12
L1050-500ML	Amber Glass	6
L1050-1L	Amber Glass	
L1050-4L	Amber Glass	4



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Lactic Acid), 8, III

Lactose (Milk Sugar) Laboratory Grade

$\text{C}_{12}\text{H}_{22}\text{O}_{11}$ F.W. 342.3 CAS# 63-42-3

Item No.	Pkg Type	Case
L1501-100G	Clear Plastic	12
L1501-500G	Clear Plastic	12
L1501-2.5KG	Clear Plastic	

DOT: Not Regulated

Lanthanum Chloride Heptahydrate Reagent ACS Grade

$\text{LaCl}_3 \cdot 7\text{H}_2\text{O}$ F.W. 371.37 CAS# 10025-84-0

Item No.	Pkg Type	Case
L2605-50G	Amber Glass	12
L2605-500G	Amber Glass	



DOT: UN 1759 Corrosive solids, n.o.s. (Lanthanum Chloride Heptahydrate), 8, III

Specifications

Assay (as LaCl_3)	64.5 - 70.0%
Insoluble matter	$\leq 0.01\%$
Calcium (Ca)	≤ 10 ppm
Magnesium (Mg)	≤ 10 ppm

Lanthanum Nitrate Hexahydrate Laboratory Grade, Crystals

$\text{LaNO}_3 \cdot 6\text{H}_2\text{O}$ F.W. 433.01 CAS# 10277-43-7

Item No.	Pkg Type	Case
L2655-125G	Amber Glass	



DOT: UN 1477 Nitrates, inorganic, n.o.s. (Lanthanum Nitrate), 5.1, II

Lanthanum Nitrate 0.1 Molar Solution

Item No.	Pkg Type	Case
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5175-1L Clear Plastic 6

DOT: Not Regulated

Lanthanum Nitrate TS Prepared to USP47 NF37

Item No.	Pkg Type	Case
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SPX794 (500 ML) Clear Plastic

DOT: Not Regulated

Lanthanum Standard 5% w/v as La in 25% v/v HCl

Item No.	Pkg Type	Case
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5150-100ML Clear Plastic

5150-1L Clear Plastic



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, II

Lauric Acid 99+% Laboratory Grade

$\text{C}_{12}\text{H}_{24}\text{O}_2$ F.W. 200.32 CAS# 143-07-7

Item No.	Pkg Type	Case
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L2789-100G Clear Plastic 12



DOT: Not Regulated

Lead Shot #8

Pb F.W. 207.19 CAS# 7439-92-1/1

Item No.	Pkg Type	Case
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L3097-500G Clear Plastic 12



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Lead Standard Solution 0.02 g Pb/gal (ASTM D3237)

Item No.	Pkg Type	Case
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SPX772 (1 L) Amber Glass



DOT: UN 1992 Flammable liquids, toxic, n.o.s. (Methyl Isobutyl Ketone (4-Methyl-2-pentanone)), 3(6.1), II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Lead Standard Solution 0.05 g Pb/gal (ASTM D3237)

Item No.	Pkg Type	Case
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SPX773 (1 L) Amber Glass



DOT: UN 1992 Flammable liquids, toxic, n.o.s. (Methyl Isobutyl Ketone (4-Methyl-2-pentanone)), 3(6.1), II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Lead Standard Solution 0.10 g Pb/gal (ASTM D3237)

Item No.	Pkg Type	Case
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SPX774 (1 L) Amber Glass



DOT: UN 1992 Flammable liquids, toxic, n.o.s. (Methyl Isobutyl Ketone (4-Methyl-2-pentanone)), 3(6.1), II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Lead Standard Solution 1.0 g Pb/gal (ASTM D3237)

Item No.	Pkg Type	Case
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SPX771 (1 L) Amber Glass



DOT: UN 1992 Flammable liquids, toxic, n.o.s. (Methyl Isobutyl Ketone (4-Methyl-2-pentanone)), 3(6.1), II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Lead Standard Stock Solution 5.0 g Pb/gal (ASTM D3237)

Item No.	Pkg Type	Case
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SPX770 (1 L) Amber Glass



DOT: UN 1992 Flammable liquids, toxic, n.o.s. (Methyl Isobutyl Ketone (4-Methyl-2-pentanone)), 3(6.1), II

 **WARNING: Cancer and Reproductive Harm -** www.P65Warnings.ca.gov.

Lead Standard 100 ppm w/w in 3.5% Nitric Acid, NIST Traceable Solution

Item No.	Pkg Type	Case
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5200-100ML Clear Plastic
5200-500ML Clear Plastic



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Lead AA Standard 1,000 ppm w/w in 3.5% HNO₃ NIST Traceable Solution

Item No.	Pkg Type	Case
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5250-100ML Clear Plastic
5250-500ML Clear Plastic



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Lead Acetate Reagent ACS Grade

(CH₃COO)₂Pb•3H₂O F.W. 379.33 CAS# 6080-56-4

Item No.	Pkg Type	Case
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L3181-125G Clear Plastic 12
L3181-500G Clear Plastic 12
L3181-2.5KG Clear Plastic 4
L3181-12KG White Pail



DOT: UN 1616 Lead acetate, 6.1, III

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Specifications

Assay ((CH ₃ COO) ₂ Pb•3H ₂ O)	99.0-103.0%
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 5 ppm
Nitrate and nitrite (as NO ₃)	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Copper (Cu)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.01%

Lead Acetate Laboratory Grade

(CH₃COO)₂Pb•3H₂O F.W. 379.33 CAS# 6080-56-4

Item No.	Pkg Type	Case
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L3185-500G Clear Plastic 12
L3185-2.5KG Clear Plastic 4
L3185-12KG White Pail



DOT: UN 1616 Lead acetate, 6.1, III

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Lead Acetate 5% w/v Solution (ASTM D3227)

Item No.	Pkg Type	Case
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5158-500ML Clear Plastic
5158-4L Clear Plastic 4



DOT: UN 2810 Toxic, liquids, organic, n.o.s. (Lead Acetate), 6.1, III

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Lead Acetate 10% w/v Solution APHA for Arsenic

APHA for Arsenic

Item No.	Pkg Type	Case
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5160-500ML Clear Plastic
5160-1L Clear Plastic 6



DOT: UN 2810 Toxic, liquids, organic, n.o.s. (Lead Acetate), 6.1, III

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Lead Acetate 10% w/v in 1% v/v Acetic Acid

Item No.	Pkg Type	Case
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5162-1L Clear Plastic 6



DOT: UN 2810 Toxic, liquids, organic, n.o.s. (Lead Acetate), 6.1, III

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Lead Chloride Reagent Grade Powder

PbCl₂ F.W. 278.1 CAS# 7758-95-4

Item No.	Pkg Type	Case
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L3241-125G Amber Glass
L3241-500G Amber Glass



DOT: UN 2291 Lead compounds, soluble, n.o.s. (Lead Chloride), 6.1, III

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.0%
Insoluble matter	≤ 0.01%
Copper (Cu)	≤ 0.005%
Nitrate (NO ₃)	≤ 0.002%
Sulfate (SO ₄)	≤ 0.01%
Iron (Fe)	≤ 0.003%



Lead Dioxide Reagent ACS Grade Powder

PbO₂ F.W. 239.2 CAS# 1309-60-0

Item No.	Pkg Type	Case
L3237-125G	Clear Plastic	
L3237-500G	Amber Glass	



DOT: UN 1872 Lead dioxide, 5.1(6.1), III

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 97.0% PbO ₂
Acid-insoluble matter	≤ 0.2%
carbon compounds (as C)	≤ 0.04%
Chloride (Cl)	≤ 0.002%
Nitrate (NO ₃)	≤ 0.02%
Sulfate (SO ₄)	≤ 0.05%
Manganese (Mn)	≤ 5 ppm
Calcium (Ca)	≤ 0.02%
Copper (Cu)	≤ 0.05%
Potassium (K)	≤ 0.05%
Sodium (Na)	≤ 0.1%

Lead Nitrate Reagent ACS Grade Crystal

Pb(NO₃)₂ F.W. 331.2 CAS# 10099-74-8

Item No.	Pkg Type	Case
L3315-125G	Clear Plastic	12
L3315-500G	Clear Plastic	12



DOT: UN 1469 Lead nitrate, 5.1(6.1), II

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.0% Pb(NO ₃) ₂
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Calcium (Ca)	≤ 0.005%
Copper (Cu)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.02%

Lead Oxide, Yellow (Litharge) Reagent Grade Powder

PbO F.W. 223.19 CAS# 1317-36-8

Item No.	Pkg Type	Case
L3396-125G	Clear Plastic	
L3396-500G	Clear Plastic	
L3396-2.5KG	Clear Plastic	4



DOT: UN 2291 Lead compounds, soluble, n.o.s. (Lead Oxide, Yellow (Litharge)), 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Lead Oxide, Yellow (Litharge) Laboratory Grade Powder

PbO F.W. 223.19 CAS# 1317-36-8

Item No.	Pkg Type	Case
L3399-500G	Clear Plastic	



DOT: UN 2291 Lead compounds, soluble, n.o.s. (Lead Oxide, Yellow (Litharge)), 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Lead Perchlorate 0.10 Molar Certified Solution

Molarity = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
5275-1L	Clear Plastic	6



DOT: UN 3408 Lead perchlorate, solution, 5.1(6.1), III

WARNING: Cancer - www.P65Warnings.ca.gov.

Light's Redox Buffer See Redox Buffer

Limewater (Saturated Calcium Hydroxide Solution)

Item No.	Pkg Type	Case
L4187-500ML	Clear Plastic	6
L4187-1L	Clear Plastic	6
L4187-4L	Clear Plastic	4



DOT: Not Regulated

Limonene™ See D-Limonene™

Lithium AA Standard 1,000 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
5350-100ML	Clear Plastic	
5350-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Lithium Carbonate Reagent ACS Grade Powder

Li₂CO₃ F.W. 73.89 CAS# 554-13-2

Item No.	Pkg Type	Case
L5125-125G	Amber Glass	
L5125-500G	Amber Glass	
L5125-2.5KG	Clear Plastic	4



DOT: Not Regulated

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.0% Li ₂ CO ₃
Insoluble in dilute hydrochloric acid	≤ 0.01%
Chloride (Cl)	≤ 0.005%
Nitrate (NO ₃)	≤ 5 ppm
Sulfur compounds (as SO ₄)	≤ 0.2%
Heavy metals (as Pb)	≤ 0.002%
Iron (Fe)	≤ 0.002%
Calcium (Ca)	≤ 0.01%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.1%

Lithium Carbonate Laboratory Grade Powder

Li₂CO₃ F.W. 73.89 CAS# 554-13-2

Item No.	Pkg Type	Case
L5130-500G	Clear Plastic	
L5130-2.5KG	Clear Plastic	



DOT: Not Regulated

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Lithium Chloride Reagent ACS Grade Granular

UCI F.W. 42.39 CAS# 7447-41-8

Item No.	Pkg Type	Case
L5161-125G	Amber Glass	
L5161-500G	Clear Plastic	
L5161-2.5KG	Clear Plastic	
L5161-10KG	White Pail	
L5161-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 99% LiCl
Titration Base	≤ 0.008 meq/g
Loss on Drying at 105° C	≤ 1.0%
Sulfate (SO ₄)	≤ 0.01%
Nitrate (NO ₃)	≤ 0.001%
Barium (Ba)	≤ 0.003%
Heavy Metals (as Pb)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Calcium (Ca)	≤ 0.01%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.20%
Insoluble Matter	≤ 0.01%

Lithium Chloride 1.0 Molar in Ethanol

Item No.	Pkg Type	Case
5365-100ML	Clear Plastic	
5365-250ML	Clear Plastic	
5365-500ML	Clear Plastic	
5365-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Lithium Chloride Saturated in Ethanol

Item No.	Pkg Type	Case
5362-100ML	Clear Plastic	12
5362-250ML	Clear Plastic	
5362-500ML	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Lithium Chloride Saturated in IPA (ASTM D4739)

Item No.	Pkg Type	Case
5364-100ML	Clear Plastic	
5364-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Lithium Methoxide 0.1 Normal in Toluene, Certified

Normality = 0.0975 - 0.1025 @20°C

Item No.	Pkg Type	Case
ND521 (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene, Methanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Lithium Nitrate Reagent Grade Granular

LiNO₃ F.W. 68.94 CAS# 7790-69-4

Item No.	Pkg Type	Case
L5222-125G	Clear Plastic	
L5222-500G	Amber Glass	



DOT: UN 2722 Lithium nitrate, 5.1, III

Specifications

Assay	≥ 99.0%
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.002%
Sulfate (SO ₄)	≤ 0.01%
Iron (Fe)	≤ 0.0005%
Heavy metals (as Pb)	≤ 0.0005%
Water	≤ 1.0%

Lithium Nitrate Electrolyte Solution in Ethanol

Item No.	Pkg Type	Case
SPX352 (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Litmus 0.5% w/v Solution

Item No.	Pkg Type	Case
L6300-100ML	Clear Plastic	12
L6300-500ML	Clear Plastic	6

DOT: Not Regulated

Luminol See 5-Amino-2,3-Dihydro-1,4 Phthalazinedione

Magnesium AA Standard 1,000 ppm NIST Traceable

Item No.	Pkg Type	Case
5450-100ML	Clear Plastic	
5450-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Magnesium Acetate 0.1 Molar NIST Traceable Solution

Molarity = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
SPX362 (500 ML)	Clear Plastic	
SPX362A (1 L)	Clear Plastic	

DOT: Not Regulated

Magnesium Metal Turnings For Grignard Reagent

Mg F.W. 24.3 CAS# 7439-95-4

Item No.	Pkg Type	Case
M0167-125G	Clear Plastic	12
M0167-500G	Clear Plastic	12
M0167-2.5KG	Clear Plastic	4



DOT: UN 1869 Magnesium, 4.1, III

Magnesium Carbonate Laboratory Grade, Powder

4MgCO₃(OH)₂•nH₂O CAS# 39409-82-0

Item No.	Pkg Type	Case
M0209-500G	Clear Plastic	12
M0209-2.5KG	White Pail	4

DOT: Not Regulated



Magnesium Chloride Hexahydrate Reagent ACS Grade Crystal

MgCl₂•6H₂O F.W. 203.3 CAS# 7791-18-6

Item No.	Pkg Type	Case
M0246-125G	Clear Plastic	12
M0246-500G	Clear Plastic	12
M0246-2.5KG	Clear Plastic	4
M0246-12KG	White Pail	
M0246-25KG	Fiber Drum	

DOT: Not Regulated

Specifications

Assay (MgCl ₂ •6H ₂ O)	≥ 99.0-102.0%
Barium (Ba)	≤ 0.005%
Calcium (Ca)	≤ 0.01%
Heavy Metals (as Pb)	≤ 5 ppm
Insoluble Matter	≤ 0.005%
Iron (Fe)	≤ 5 ppm
Manganese (Mn)	≤ 5 ppm
Nitrate (NO ₃)	≤ 0.001%
Phosphate (PO ₄)	≤ 5 ppm
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.005%
Strontium (Sr)	≤ 0.005%
Sulfate (SO ₄)	≤ 0.002%

See C of A for further information

Magnesium Chloride Hexahydrate Laboratory Grade Crystal

MgCl₂•6H₂O F.W. 203.3 CAS# 7791-18-6

Item No.	Pkg Type	Case
M0249-500G	Clear Plastic	12
M0249-2.5KG	Clear Plastic	4
M0249-12KG	White Pail	

DOT: Not Regulated

Magnesium Chloride 10 gpl in Mixed Alcohol Solvent (ASTM D3230)

Item No.	Pkg Type	Case
5385-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Butanols, Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Magnesium Chloride 0.01 Molar NIST Traceable Solution

Molarity = 0.0097 - 0.0103 @20°C

Item No.	Pkg Type	Case
5391-500ML	Clear Plastic	6
5391-1L	Clear Plastic	6
5391-20L	Cubitainer®	

DOT: Not Regulated

Magnesium Chloride 51% w/v Solution, Certified

APHA for Cyanide

Item No.	Pkg Type	Case
5475-1L	Clear Plastic	6

DOT: Not Regulated

Magnesium Hydroxide Laboratory Grade Powder

Mg(OH)₂ F.W. 58.32 CAS# 1309-42-8

Item No.	Pkg Type	Case
M0261-500G	Clear Plastic	
M0261-2.5KG	Clear Plastic	4



DOT: Not Regulated

Magnesium Oxide Laboratory Grade, Light Powder

MgO F.W. 40.3 CAS# 1309-48-4

Item No.	Pkg Type	Case
M0301-100G	Clear Plastic	
M0301-500G	Clear Plastic	
M0301-2.5KG	Clear Plastic	4



DOT: Not Regulated

Magnesium Perchlorate Anhydrous Reagent ACS Grade

Mg(ClO₄)₂ F.W. 233.21 CAS# 10034-81-8

Item No.	Pkg Type	Case
M0371-100G	Clear Plastic	
M0371-500G	Clear Plastic	
M0371-2.5KG	Clear Plastic	



DOT: UN 1475 Magnesium perchlorate, 5.1, II

Specifications

Suitability for moisture absorption	Passes test
Titration free acid	≤ 0.005 meq/g
Titration base	≤ 0.025 meq/g
Loss on drying at 190°C	≤ 8%

Magnesium Sulfate Heptahydrate Reagent ACS Grade

MgSO₄•7H₂O F.W. 246.47 CAS# 10034-99-8

Item No.	Pkg Type	Case
M0388-125G	Clear Plastic	12
M0388-500G	Clear Plastic	12
M0388-2.5KG	Clear Plastic	4
M0388-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay	98.0-102.0%
pH of a 5% solution @ 25°C	5.0-8.2
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 5 ppm
Nitrate (NO ₃)	≤ 0.002%
Ammonium (NH ₄)	≤ 0.002%
Calcium (Ca)	≤ 0.02%
Manganese (Mn)	≤ 5 ppm
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.005%
Strontium (Sr)	≤ 0.005%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

Magnesium Sulfate Heptahydrate Laboratory Grade Crystal

MgSO₄•7H₂O F.W. 246.47 CAS# 10034-99-8

Item No.	Pkg Type	Case
M0394-500G	Clear Plastic	12
M0394-2.5KG	Clear Plastic	4
M0394-12KG	White Pail	
M0394-50LB	Poly Lined Bag	

DOT: Not Regulated

Magnesium Sulfate 2.25% w/v Solution

Item No.	Pkg Type	Case
5500-500ML	Clear Plastic	6
5500-1L	Clear Plastic	6
5500-4L	Clear Plastic	4
5500-20L	Cubitainer®	

DOT: Not Regulated

Maleic Acid (Toxic Acid) Laboratory Grade

HO₂CCH:CHCO₂H F.W. 116.07 CAS# 110-16-7

Item No.	Pkg Type	Case
M0551-100G	Clear Plastic	
M0551-250G	Clear Plastic	
M0551-500G	Clear Plastic	12



DOT: UN 1759 Corrosive solids, n.o.s. (Maleic Acid (Toxic Acid)), 8, III

Maleic Anhydride Laboratory Grade

C₄H₂O₃ F.W. 98.06 CAS# 108-31-6

Item No.	Pkg Type	Case
M0562-500G	Amber Glass	
M0562-2.5KG	Clear Plastic	



DOT: UN 2215 Maleic anhydride, 8, III

Maleic Anhydride 0.6% w/v Solution in Toluene

Item No.	Pkg Type	Case
ND462 (4 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov

Maleic Anhydride 2% w/v Solution in Toluene

Item No.	Pkg Type	Case
5505-1L	Amber Glass	6
5505-4L	Amber Glass	4



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov

Manganese Standard 1.0 ppm(mg/L) NIST Traceable

Item No.	Pkg Type	Case
5553-100ML	Clear Plastic	
5553-1L	Clear Plastic	
5553-4L	Clear Plastic	

DOT: Not Regulated

Manganese AA Standard 1,000 ppm (NIST Traceable)

Item No.	Pkg Type	Case
5550-100ML	Clear Plastic	
5550-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Manganese Dioxide Reagent Grade, Powder

MnO₂ F.W. 86.94 CAS# 1313-13-9

Item No.	Pkg Type	Case
M0963-25G	Amber Glass	
M0963-125G	Clear Plastic	
M0963-500G	Amber Glass	
M0963-2.5KG	Clear Plastic	



DOT: Not Regulated

Specifications

Assay	≥ 99.0%
Chloride (Cl)	≤ 0.01%
Nitrate (NO ₃)	≤ 0.05%
Sulfate (SO ₄)	≤ 0.08%
Iron (Fe)	≤ 0.05%
Insoluble in hydrochloric acid	≤ 0.05%

Manganese Dioxide 85% Technical Grade, Granular

MnO₂ F.W. 86.94 CAS# 1313-13-9

Item No.	Pkg Type	Case
M0976-500G	Clear Plastic	12
M0976-2.5KG	Clear Plastic	4
M0976-12KG	White Pail	



DOT: Not Regulated

Manganese Sulfate Monohydrate Reagent ACS Grade

MnSO₄•H₂O F.W. 169.01 CAS# 10034-96-5

Item No.	Pkg Type	Case
M1031-125G	Clear Plastic	
M1031-500G	Clear Plastic	
M1031-2.5KG	Clear Plastic	
M1031-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (MnSO ₄ •H ₂ O)	98.0 - 101.0%
Loss on ignition	10.0 - 12.0%
Substances reducing permanganate	Passes test
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.005%
Nickel (Ni)	≤ 0.02%
Iron (Fe)	≤ 0.002%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.05%
Zinc (Zn)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.002%

Manganese Sulfate 0.31% w/v Solution

Item No.	Pkg Type	Case
5570-500ML	Clear Plastic	
5570-4L	Clear Plastic	4



DOT: Not Regulated



Manganese Sulfate 10% w/v Solution

Item No.	Pkg Type	Case
ND095A (250 ML)	Clear Plastic	
ND095 (4 L)	Clear Plastic	



DOT: Not Regulated

Manganous Sulfate Solution APHA For Dissolved Oxygen

Item No.	Pkg Type	Case
5590-500ML	Clear Plastic	6
5590-1L	Clear Plastic	6
5590-4L	Clear Plastic	4



DOT: Not Regulated

Mannitol Reagent ACS Grade Powder

$C_6H_{14}O_6$ F.W. 182.17 CAS# 69-65-8

Item No.	Pkg Type	Case
M1514-100G	Clear Plastic	
M1514-500G	Clear Plastic	
M1514-2.5KG	Poly Lined Box	
M1514-12KG	White Pail	

DOT: Not Regulated

Specifications

Specific Rotation $[\alpha]_D^{25}$	+23.3° to +24.3°
Reducing Sugars	Passes test
Insoluble Matter	≤ 0.01%
Loss on Drying at 105° C	≤ 0.05%
Residue After Ignition	≤ 0.01%
Titration Acid	≤ 0.0008 meq/g
Heavy Metals (as Pb)	≤ 5 ppm

Mannitol Laboratory Grade Powder

$C_6H_{14}O_6$ F.W. 182.17 CAS# 69-65-8

Item No.	Pkg Type	Case
M1515-100G	Clear Plastic	12
M1515-500G	Clear Plastic	
M1515-2.5KG	Poly Lined Box	

DOT: Not Regulated

Marble Chips (Calcium Carbonate)

$CaCO_3$ F.W. 100.09 CAS# 471-34-1

Item No.	Pkg Type	Case
M1790-500G	Clear Plastic	12
M1790-2.5KG	Clear Plastic	4
M1790-12KG	White Pail	
M1790-50LB	Fiber Drum	

DOT: Not Regulated

MBTH 0.4G/100ML Solution

Item No.	Pkg Type	Case
ND685 (100 ML)	Amber Glass	

DOT: Not Regulated

MBTH Indicator Solution APHA for Cyanide

Item No.	Pkg Type	Case
5591-100ML	Amber Glass	
5591-500ML	Amber Glass	

DOT: Not Regulated

Mehlich 3 Extracting Solution

Item No.	Pkg Type	Case
5575-1L	Clear Plastic	
5575-4L	Clear Plastic	



DOT: Not Regulated

MEK See Methyl Ethyl Ketone

Mercaptan Standard 20.0 ppm w/w in Hexane

Item No.	Pkg Type	Case
STA037A (100 ML)	Amber Glass	
STA037 (500 ML)	Amber Glass	
STA037B (1 L)	Amber Glass	
STA037C (4 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Hexane), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Mercuric Acetate Reagent ACS Grade Crystal

$Hg(CH_3COO)_2$ F.W. 318.68 CAS# 1600-27-7

Item No.	Pkg Type	Case
M2115-125G	Amber Glass	
M2115-500G	Amber Glass	



DOT: UN 1629 Mercury acetate, 6.1, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Specifications

Assay	≥ 98.0% $(CH_3COO)_2Hg$
Insoluble matter	≤ 0.01%
Residue after reduction	≤ 0.02%
Chloride (Cl)	≤ 0.005%
Nitrate (NO_3)	≤ 0.005%
Sulfate (SO_4)	≤ 0.005%
Other heavy metals (as Pb)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Mercurous mercury (as Hg)	≤ 0.4%

Mercuric Acetate 25 gpL Solution (ASTM E200)

Item No.	Pkg Type	Case
5595-500ML	Clear Plastic	6
5595-1L	Clear Plastic	6
5595-4L	Clear Plastic	4



DOT: UN 2810 Toxic, liquids, organic, n.o.s. (Mercuric Acetate), 6.1, III

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Mercuric Chloride Reagent ACS Grade

HgCl ₂	F.W. 271.5	CAS# 7487-94-7
Item No.	Pkg Type	Case
M2127-30G	Amber Glass	
M2127-125G	Amber Glass	
M2127-500G	Amber Glass	
M2127-2.5KG	Amber Glass	



DOT: UN 1624 Mercuric chloride, 6.1, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.5% HgCl ₂
Solubility in ethyl ether	Passes test
Residue after reduction	≤ 0.02%
Iron (Fe)	≤ 0.002%

Mercuric Chloride 5% w/v Solution ASTM E200

Item No.	Pkg Type	Case
5596-500ML	Clear Plastic	6
5596-1L	Clear Plastic	6
5596-4L	Clear Plastic	4
5596-20L	Cubitainer®	



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Mercuric Chloride), 6.1, III

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Mercuric Iodide (Red) Reagent ACS Grade Powder

HgI ₂	F.W. 454.4	CAS# 7774-29-0
Item No.	Pkg Type	Case
M2156-30G	Amber Glass	
M2156-125G	Amber Glass	
M2156-500G	Amber Glass	



DOT: UN 1638 Mercury iodide, 6.1, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay (HgI ₂ ; Dried basis)	≥ 99.0% HgI ₂
Solubility in potassium iodide solution	To pass test
Mercurous mercury (as Hg)	≤ 0.1%
Soluble mercury salts (as Hg)	≤ 0.05%
Light Sensitive.	

Mercuric Nitrate Reagent ACS Grade

Hg(NO ₃) ₂ •H ₂ O	F.W. 342.62	CAS# 7783-34-8
Item No.	Pkg Type	Case
M2181-30G	Amber Glass	
M2181-125G	Amber Glass	
M2181-500G	Amber Glass	



DOT: UN 1625 Mercuric nitrate, 6.1, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay (Hg(NO ₃) ₂ •H ₂ O)	≥ 98.0%
Residue after reduction	≤ 0.01%
Chloride (Cl)	≤ 0.002%
Sulfate (SO ₄)	≤ 0.002%
Iron (Fe)	≤ 0.001%

Mercuric Nitrate 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
5625-1L	Amber Plastic	6
5625-4L	Amber Plastic	4



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Mercuric Nitrate), 6.1, III

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Mercuric Nitrate 0.0141 Normal NIST Traceable Solution

Normality = 0.0136 - 0.0146 @20°C

Item No.	Pkg Type	Case
5630-500ML	Amber Plastic	6
5630-1L	Amber Plastic	6
5630-4L	Amber Plastic	4
5630-20L	Cubitainer®	



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Mercuric Nitrate), 6.1, III

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Mercuric Nitrate 0.0171 Normal NIST Traceable Solution

Normality = 0.0166 - 0.0176 @20°C

Item No.	Pkg Type	Case
5650-500ML	Amber Plastic	6
5650-1L	Amber Plastic	6



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Mercuric Nitrate), 6.1, III

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Mercuric Nitrate 0.141 Normal NIST Traceable Solution

Normality = 0.1405 - 0.1415 @20°C

Item No.	Pkg Type	Case
5670-500ML	Amber Plastic	6
5670-1L	Amber Plastic	6
5670-4L	Amber Plastic	4
5670-20L	Cubitainer®	



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Mercuric Nitrate), 6.1, III

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Mercuric Oxide (Red) Reagent ACS Grade

HgO	F.W. 216.59	CAS# 21908-53-2
Item No.	Pkg Type	Case
M2197-30G	Amber Glass	
M2197-125G	Amber Glass	
M2197-500G	Amber Glass	



DOT: UN 1641 Mercury oxide, 6.1, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.0% HgO
Insoluble in dilute hydrochloric acid	≤ 0.03%
Residue after reduction	≤ 0.025%
Chloride (Cl)	≤ 0.025%
Sulfate (SO ₄)	≤ 0.015%
Nitrogen compounds (as N)	≤ 0.005%
Iron (Fe)	≤ 0.005%



Mercuric Sulfate Reagent ACS Grade Powder

HgSO₄ F.W. 296.65 CAS# 7783-35-9

Item No.	Pkg Type	Case
M2260-30G	Amber Glass	
M2260-125G	Amber Glass	
M2260-500G	Amber Glass	



DOT: UN 1645 Mercury sulfates, 6.1, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Specifications

Assay	≥ 98.0% HgSO ₄
Residue after reduction	≤ 0.02%
Chloride (Cl)	≤ 0.003%
Nitrate (NO ₃)	Passes test
Iron (Fe)	≤ 0.005%
Mercurous Mercury (as Hg)	≤ 0.15%

Mercuric Thiocyanate Solution 0.42% w/v in Methanol APHA for Chloride

Item No.	Pkg Type	Case
5680-500ML	Amber Glass	
5680-1L	Amber Glass	



DOT: UN 1992 Flammable liquids, toxic, n.o.s.
(Methanol, Mercuric Thiocyanate), 3(6.1), II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Mercurous Nitrate Reagent Grade Crystal

Hg₂(NO₃)₂•2H₂O F.W. 561.22 CAS# 14836-60-3

Item No.	Pkg Type	Case
M2306-30G	Amber Glass	



DOT: UN 1627 Mercurous nitrate, 6.1, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Specifications

Assay (Hg ₂ (NO ₃) ₂ •2H ₂ O)	≥ 97.0%
Insoluble matter	≤ 0.005%
Residue after reduction	≤ 0.01%
Chloride (Cl)	≤ 0.005%
Sulfate (SO ₄)	≤ 0.005%
Iron (Fe)	≤ 0.001%
Mercuric Mercury (as Hg)	≤ 1.0%

Mercury Standard 100 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
5690-100ML	Amber Plastic	
5690-500ML	Amber Plastic	

DOT: Not Regulated

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Mercury AA Standard 1,000 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
5750-100ML	Clear Plastic	
5750-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s.
(Nitric Acid), 8, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Methanol (Methyl Alcohol) Reagent ACS Grade

CH₃OH F.W. 32.04 CAS# 67-56-1

Item No.	Pkg Type	Case
M2515-500ML	Amber Glass	6
M2515-1L	Amber Glass	6
M2515-1LP	Clear Plastic	6
M2515-4L	Amber Glass	4
M2515-4L(PVC)	Coated Glass	4
M2515-4LP	Clear Plastic	
M2515-4LPSS	Beta Bottle	
M2515-20L	Metal Can	
M2515-20LC	Cubitainer®	
M2515-20LHP	Clear Plastic	
M2515-200L	Metal Drum	



DOT: UN 1230 Methanol, 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.8% (CH ₃ OH)
Residue after evaporation	≤ 0.001%
Solubility in water	Passes test
Titrateable acid	≤ 0.0003 meq/g
Titrateable base	≤ 0.0002 meq/g
Color (APHA)	≤ 10
Substances darkened by Sulfuric	Passes test
Substances reducing Permanganate	passes test
Water	≤ 0.1%
Carbonyl Compounds	≤ 0.001%

Methanol (Methyl Alcohol) HPLC Grade

CH₃OH F.W. 32.04 CAS# 67-56-1

Item No.	Pkg Type	Case
M2523-1L	Amber Glass	6
M2523-4L	Amber Glass	4
M2523-20L	Metal Can	



DOT: UN 1230 Methanol, 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Specifications

Purity	≥ 99.9%
Residue	≤ 1 mg/L
Water	≤ 0.05%
UV Cutoff	205 nm
Refractive Index @20° C	1.3284 +/- 0.0004

Methanol (Methyl Alcohol) Optima™ Grade

CH₃OH F.W. 32.04 CAS# 67-56-1

Item No.	Pkg Type	Case
M2525-4L	Amber Glass	



DOT: UN 1230 Methanol, 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Methanol (Methyl Alcohol) (Low Water), Karl Fischer Grade

CH₃OH F.W. 32.04 CAS# 67-56-1

Item No.	Pkg Type	Case
M2517-4L	Amber Glass	4



DOT: UN 1230 Methanol, 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Specifications

Purity	≥ 99.9%
Water	≤ 0.03%
Residue after evaporation	≤ 1 mg/L
Refractive Index @20°C	1.3284 +/- 0.0004
UV cutoff	205 nm

Methanol (Methyl Alcohol) Electronic Grade

CH₃OH F.W. 32.04 CAS# 67-56-1

Item No.	Pkg Type	Case
M2518-4L	Amber Glass	4



DOT: UN 1230 Methanol, 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Methanol Carbonyl Free (ASTM E411)

CH₃OH F.W. 32.04 CAS# 67-56-1

Item No.	Pkg Type	Case
5600-1L	Amber Glass	6
5600-4L	Amber Glass	4



DOT: UN 1230 Methanol, 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Methanol (Methyl Alcohol) Laboratory Grade

CH₃OH F.W. 32.04 CAS# 67-56-1

Item No.	Pkg Type	Case
M2520-500ML	Clear Plastic	6
M2520-1L	Clear Plastic	6
M2520-1LG	Amber Glass	6
M2520-4L	Clear Plastic	4
M2520-4LP	Clear Plastic	
M2520-20L	Metal Can	
M2520-200L	Steel Drum	



DOT: UN 1230 Methanol, 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Methanol, pH adjusted to 11.30 ± 0.05 (pH adjusted with KOH)

Item No.	Pkg Type	Case
ND234A (4 L)	Amber Glass	
ND234 (20 L)	Metal Can	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Methanol / Water 1:1 Solution

Item No.	Pkg Type	Case
5757-1L	Clear Plastic	6
5757-4L	Clear Plastic	4
5757-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Methanol / Water 1:1 Solution (HPLC Grade)

Item No.	Pkg Type	Case
5758-1L	Amber Glass	
5758-4L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Methanol 70% v/v Solution

Item No.	Pkg Type	Case
5610-1L	Clear Plastic	6
5610-4L	Clear Plastic	4
5610-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

2-Methoxyethanol, 99% (Methyl Cellosolve®) Laboratory Grade

C₃H₈O₂ F.W. 76.09 CAS# 109-86-4

Item No.	Pkg Type	Case
E8290-500ML	Amber Glass	
E8290-4L	Amber Glass	



DOT: UN 1188 Ethylene glycol monomethyl ether, 3, III

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Methyl Alcohol See Methanol

Methyl Cellulose 4,000 cps Lab Grade

CAS# 9004-67-5

Item No.	Pkg Type	Case
M3122-100G	Clear Plastic	12
M3122-500G	Clear Plastic	12

DOT: Not Regulated

Methyl Ethyl Ketone (2-Butanone) Reagent ACS Grade

CH₃COC₂H₅ F.W. 72.11 CAS# 78-93-3

Item No.	Pkg Type	Case
M5000-500ML	Amber Glass	6
M5000-1L	Amber Glass	6
M5000-4L	Amber Glass	4
M5000-4L(PVC)	Coated Glass	4
M5000-20L	Metal Can	
M5000-200L	Metal Drum	



DOT: UN 1193 Ethyl methyl ketone, 3, II

Specifications

Assay	≥ 99.0% CH ₃ COCH ₂ CH ₃
Residue after evaporation	≤ 0.0025%
Titration acid	≤ 0.0005 meq / g
Water	≤ 0.20%
Color (APHA)	≤ 15

Methyl Ethyl Ketone (2-Butanone) Laboratory Grade 99%

CH₃COC₂H₅ F.W. 72.11 CAS# 78-93-3

Item No.	Pkg Type	Case
M5005-500ML	Amber Glass	6
M5005-1L	Amber Glass	6
M5005-4L	Metal Can	4
M5005-4LG	Amber Glass	
M5005-20L	Metal Can	
M5005-200L	Metal Drum	



DOT: UN 1193 Ethyl methyl ketone, 3, II



Methyl Isobutyl Ketone (4-Methyl-2-pentanone), Reagent ACS Grade

CH3COCH2CH(CH3)2 F.W. 100.16 CAS# 108-10-1

Item No.	Pkg Type	Case
M5698-500ML	Amber Glass	6
M5698-1L	Amber Glass	6
M5698-4L	Amber Glass	4
M5698-20L	Metal Can	



DOT: UN 1245 Methyl isobutyl ketone, 3, II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay (<chem>CH3)2CHCH2COCH3</chem>	≥ 98.5%
Color (APHA)	≤ 15
Residue after evaporation	≤ 0.005%
Titration acid	≤ 0.002 meq/g
Water (<chem>H2O</chem>)	≤ 0.1%

Methyl Isobutyl Ketone (4-Methyl-2-pentanone), Laboratory Grade 99%

CH3COCH2CH(CH3)2 F.W. 100.16 CAS# 108-10-1

Item No.	Pkg Type	Case
M5700-500ML	Amber Glass	6
M5700-1L	Amber Glass	6
M5700-4L	Amber Glass	4
M5700-20L	Metal Can	



DOT: UN 1245 Methyl isobutyl ketone, 3, II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Methyl Orange Sodium Salt Reagent ACS Powder

C14H14N4O3SNa F.W. 327.33 CAS# 547-58-0
pH 3.2 Pink - 4.4 Yellow

Item No.	Pkg Type	Case
M3628-30G	Amber Glass	
M3628-125G	Amber Glass	
M3628-500G	Amber Glass	12



DOT: UN 3143 Dyes, solid, toxic, n.o.s. (sodium 4-(4-dimethylaminophenylazo)benzenesulphonate), 6.1, III

Specifications

Clarity of solution	Passes test
Visual transition interval	pH 3.2 (Pink) to pH 4.4 (Yellow)

Methyl Orange 0.05% w/v Indicator Solution

pH 3.2 Pink - 4.4 Yellow

Item No.	Pkg Type	Case
5820-60ML	Clear Plastic Dropper	
5820-100ML	Clear Plastic	12
5820-250ML	Clear Plastic	
5820-500ML	Clear Plastic	6
5820-1L	Clear Plastic	6
5820-4L	Clear Plastic	

DOT: Not Regulated

Methyl Orange 0.1% w/v Aqueous Solution

pH 3.2 Pink - 4.4 Yellow, Prepared to ASTM E200

Item No.	Pkg Type	Case
5830-60ML	Clear Plastic Dropper	12
5830-100ML	Clear Plastic	
5830-250ML	Clear Plastic	12
5830-500ML	Clear Plastic	6
5830-1L	Clear Plastic	6
5830-4L	Clear Plastic	

DOT: Not Regulated

Methyl Orange Indicator 0.1% in 50% IPA Solution

pH 3.2 Pink - 4.4 Yellow

Item No.	Pkg Type	Case
5831-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Modified Methyl Orange Indicator pH 2.9 Lavender / pH 4.6 Green

Item No.	Pkg Type	Case
5835-100ML	Amber Plastic	12
5835-500ML	Amber Plastic	6
5835-1L	Amber Plastic	

DOT: Not Regulated

Methyl Purple Indicator Aqueous Solution pH 4.8 Purple - pH 5.4 Green

pH 4.8 Purple - 5.4 Green

Item No.	Pkg Type	Case
5837-100ML	Amber Glass	
5837-500ML	Amber Glass	
5837-1L	Amber Glass	
5837-4L	Amber Glass	

DOT: Not Regulated

Methyl Purple Indicator In Methanol (pH 4.8 Purple pH 5.4 Green)

Item No.	Pkg Type	Case
5842-100ML	Amber Glass	
5842-250ML	Amber Glass	
5842-250MLP	Amber Plastic	
5842-500ML	Amber Glass	
5842-1L	Amber Glass	
5842-1LPVC	Coated Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

1-Methyl-2-Pyrrolidone (N-Methyl Pyrrolidone) Reagent ACS Grade

C5H9NO F.W. 99.13 CAS# 872-50-4

Item No.	Pkg Type	Case
M5799-500ML	Amber Glass	
M5799-1L	Amber Glass	
M5799-4L	Amber Glass	
M5799-4LPVC	Coated Glass	



DOT: Not Regulated

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay (<chem>C5H9NO</chem>)	≥ 99.0%
Color (APHA)	≤ 50
Water (<chem>H2O</chem>)	≤ 0.05%
Free amines (as <chem>CH3NH2</chem>)	≤ 0.01%
Chloride (Cl)	≤ 1 ppm

1-Methyl-2-Pyrrolidone (N-Methyl Pyrrolidone), Laboratory Grade

C₅H₉NO F.W. 99.13 CAS# 872-50-4

Item No.	Pkg Type	Case
M5798-1L	Amber Glass	
M5798-4L	Amber Glass	4



DOT: Not Regulated

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Methyl Red Reagent ACS Grade

C₁₅H₁₅NaO₂ F.W. 269.31 CAS# 493-52-7
pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
M3942-10G	Amber Glass	
M3942-30G	Amber Glass	
M3942-125G	Amber Glass	

DOT: Not Regulated

Specifications

Melting point	179 - 182° C
Clarity of alcoholic solution	Passes test
Visual transition interval	From pH 4.2 (pink) to pH 6.2 (yellow)

Methyl Red Sodium Salt Reagent ACS Grade

C₁₅H₁₄NaO₂Na F.W. 291.29 CAS# 845-10-3
pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
M3933-10G	Amber Glass	
M3933-30G	Amber Glass	
M3933-125G	Amber Glass	
M3933-300G	Amber Glass	

DOT: Not Regulated

Specifications

Clarity of alcohol solution	Passes test
Clarity of aqueous solution	Passes test
Visual transition interval	From pH 4.2 (pink) to 6.2 (yellow)

Methyl Red Indicator 0.02% w/v Solution

pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
5840-100ML	Clear Plastic	
5840-500ML	Clear Plastic	
5840-1L	Clear Plastic	

DOT: Not Regulated

Methyl Red Indicator 1 g/L Solution ASTM D1091

pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
5856-100ML	Clear Plastic	12
5856-500ML	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, III

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Methyl Red Indicator 0.1% w/v Solution

pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
5850-60ML	Clear Plastic Dropper	12
5850-100ML	Clear Plastic	12
5850-N0125	Nalgene Bottle	
5850-250ML	Clear Plastic	
5850-500ML	Clear Plastic	6
5850-1L	Clear Plastic	6

DOT: Not Regulated

Methyl Red Indicator 0.1% in Ethanol (pH 4.2 pink 6.2 yellow)

pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
5851-100ML	Clear Plastic	12
5851-250ML	Clear Plastic	
5851-500ML	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Methyl Red Indicator 0.1% w/v in IPA

pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
5853-100ML	Clear Plastic	
5853-250ML	Clear Plastic	
5853-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Methyl Red Indicator 0.1% in Methanol

pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
5854-100ML	Clear Plastic	
5854-250ML	Clear Plastic	
5854-500ML	Clear Plastic	6
5854-4L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Methyl Red Indicator 0.5% w/v in Ethyl Alcohol

pH 4.2 Pink - 6.2 Yellow, Prepared to ASTM E200

Item No.	Pkg Type	Case
5852-60ML	Clear Plastic Dropper	
5852-100ML	Clear Plastic	12
5852-500ML	Clear Plastic	6
5852-1L	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Methyl Red Indicator 0.5% w/v in Methanol

pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
5849-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Methyl Red Indicator 1.0% w/v Aqueous Solution

pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
5860-100ML	Clear Plastic	
5860-500ML	Clear Plastic	
5860-1L	Clear Plastic	

DOT: Not Regulated



Methyl Red Indicator 1.0% w/v in Methanol

pH 4.2 Pink - 6.2 Yellow

Item No.	Pkg Type	Case
5859-500ML	Clear Plastic	6
5859-1L	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Methyl Red-Methylene Blue See Mixed Indicator

Methyl Salicylate, 98% Laboratory Grade

$2\text{-HO-C}_6\text{H}_4\text{-1-COOCH}_3$ F.W. 152.15 CAS# 119-36-8

Item No.	Pkg Type	Case
M6797-500ML	Amber Glass	
M6797-4L	Amber Glass	



DOT: Not Regulated

Methyl Tert-Butyl Ether (MTBE) Reagent ACS Grade

$(\text{CH}_3)_3\text{COCH}_3$ F.W. 88.15 CAS# 1634-04-4

Item No.	Pkg Type	Case
M3111-500ML	Amber Glass	
M3111-1L	Amber Glass	
M3111-4L	Amber Glass	
M3111-20L	Metal Can	



DOT: UN 2398 Methyl tert-butyl ether, 3, II

Specifications

Assay $(\text{CH}_3)_3\text{COCH}_3$	$\geq 99.0\%$
Color (APHA)	≤ 10
Peroxide (as H_2O_2)	≤ 1 ppm
Residue after evaporation	$\leq 0.001\%$
Water (H_2O)	$\leq 0.05\%$

Methyl Violet 2B (CI 42535) Biological Stain

$\text{C}_{24}\text{H}_{28}\text{N}_8$ F.W. 393.96 CAS# 8004-87-3

Item No.	Pkg Type	Case
M4111-25G	Amber Glass	
M4111-100G	Clear Plastic	



DOT: Not Regulated

Methyl Violet 0.02% w/v Aqueous Solution

Item No.	Pkg Type	Case
5870-100ML	Clear Plastic	12
5870-500ML	Clear Plastic	6
5870-1L	Clear Plastic	

DOT: Not Regulated

N-Methyldiethanolamine 40% w/w NIST Traceable Solution

Assay = 39.800 - 40.200%

Item No.	Pkg Type	Case
SPX390 (1 L)	Amber Glass	



DOT: Not Regulated

Methylene Blue Laboratory Grade, Powder

$\text{C}_{16}\text{H}_{18}\text{ClN}_3\text{S}\cdot 3\text{H}_2\text{O}$ F.W. 373.92 CAS# 7220-79-3

Item No.	Pkg Type	Case
M4333-25G	Amber Glass	12
M4333-100G	Amber Glass	12
M4333-500G	Clear Plastic	12
M4333-2.5KG	Clear Plastic	



DOT: Not Regulated

Methylene Blue (CI 52015) Biological Stain

$\text{C}_{16}\text{H}_{18}\text{ClN}_3\text{S}\cdot 3\text{H}_2\text{O}$ F.W. 373.92 CAS# 7220-79-3

Item No.	Pkg Type	Case
M4332-10G	Amber Glass	12
M4332-25G	Amber Glass	12
M4332-100G	Clear Plastic	12



DOT: Not Regulated

Methylene Blue 0.05% w/v Aqueous Solution

Item No.	Pkg Type	Case
5760-100ML	Clear Plastic	
5760-500ML	Clear Plastic	
5760-1L	Clear Plastic	

DOT: Not Regulated

Methylene Blue 0.1% w/v Aqueous Solution

Item No.	Pkg Type	Case
5761-250ML	Clear Plastic	
5761-500ML	Clear Plastic	6
5761-1L	Clear Plastic	6

DOT: Not Regulated

Methylene Blue 1.0% w/v Aqueous Solution

Item No.	Pkg Type	Case
5770-100ML	Clear Plastic	12
5770-500ML	Clear Plastic	6
5770-1L	Clear Plastic	6

DOT: Not Regulated

Methylene Blue Reagent APHA for Surfactants

Item No.	Pkg Type	Case
5790-500ML	Clear Plastic	6
5790-1L	Clear Plastic	6
5790-4L	Clear Plastic	



DOT: Not Regulated

Methylene Blue Solution I APHA for Sulfide 0.05 ml = 1mg/L Sulfide

APHA for Sulfide

Item No.	Pkg Type	Case
5800-100ML	Clear Plastic	
5800-500ML	Clear Plastic	

DOT: Not Regulated

Methylene Blue Solution II APHA for Sulfide 0.05 ml = 0.1mg/L Sulfide

APHA for Sulfide

Item No.	Pkg Type	Case
5810-100ML	Clear Plastic	
5810-500ML	Clear Plastic	
5810-1L	Clear Plastic	

DOT: Not Regulated

Methylene Chloride See Dichloromethane

MIBK See Methyl Isobutyl Ketone

Mineral Oil Heavy Laboratory Grade (340 - 365 SUS @100°F)

CAS# 8012-95-1

Item No.	Pkg Type	Case
M7117-500ML	Amber Glass	12
M7117-1L	Amber Glass	6
M7117-4L	Amber Glass	4
M7117-20L	Metal Can	



DOT: Not Regulated

Mineral Oil, Heavy Drakeoil® 19 USP Viscosity (180 - 190 SUS @100°F)

Item No.	Pkg Type	Case
M7155-4L	Beta Bottle	4



DOT: Not Regulated

Mineral Oil Light Laboratory Grade (80-90 SUS @100°F)

Item No.	Pkg Type	Case
M7113-500ML	Amber Glass	6
M7113-1L	Amber Glass	6
M7113-4L	Amber Glass	4
M7113-20L	Metal Can	
M7113-200L	Metal Drum	



DOT: Not Regulated

Mineral Oil Specially Inhibited (0.15% BHT)

Item No.	Pkg Type	Case
M7120-4L	Clear Plastic	4
M7120-20L	Cubitainer®	



DOT: Not Regulated

Mineral Spirits, Odorless Rule 66

Item No.	Pkg Type	Case
M7200-4L	Metal Can	4
M7200-20L	Metal Can	
M7200-200L	Metal Drum	



DOT: UN 1268 Petroleum distillates, n.o.s. (Naphtha Solvent), 3, III

Mixed Alcohol Solvent Prepared to ASTM D3230

Item No.	Pkg Type	Case
5912-4L	Amber Glass	4



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol, Butanols), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Mixed Indicator Solution APHA for Ammonia Nitrogen

5 week expiration

Item No.	Pkg Type	Case
5915-100ML	Amber Glass	12
5915-500ML	Amber Glass	6
5915-1L	Amber Glass	6



DOT: UN 1219 Isopropanol solution, 3, II

Mixed Indicator Solution ASTM D4047

Item No.	Pkg Type	Case
5914-100ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Mixed Salt Solution (Concentrated) 10:20:70 ASTM D3230

Prepared to ASTM D3230

Item No.	Pkg Type	Case
5913-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol, Butanols), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Mixed Salt Solution (Diluted) in Mixed Alcohol Solvent ASTM D3230

Item No.	Pkg Type	Case
5916-500ML	Amber Glass	
5916-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol, Butanols), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Molybdate Reagent See also Ammonium Molybdate Reagent



Molybdate Reagent ASTM D1091

Item No.	Pkg Type	Case
5956-1L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Ammonium Hydroxide), 8, III

Molybdate Solution for Taylor Phosphate

Item No.	Pkg Type	Case
5953-1L	Clear Plastic	
5953-4L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Molybdenum AA Standard 1,000 ppm (1ml=1mg Mo), NIST Traceable

Item No.	Pkg Type	Case
5950-100ML	Clear Plastic	
5950-500ML	Clear Plastic	

DOT: Not Regulated

Molybdic Acid, 85% Reagent ACS Grade Powder

MoO₃•H₂O F.W. 161.97 CAS# 7782-91-4		
Item No.	Pkg Type	Case
M8709-125G	Clear Plastic	
M8709-500G	Clear Plastic	
M8709-2.5KG	Clear Plastic	
M8709-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 85% as MoO ₃
Chloride (Cl)	≤ 0.002%
Arsenate, Phosphate, and silicate	≤ 0.001% (as SiO ₂)
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.2%
Heavy Metals (as Pb)	≤ 0.003%
Insoluble in dilute ammonium hydroxide	≤ 0.01%

Morpholine 0.05 Normal in Methanol

Normality = 0.0492- 0.0508 @20°C

Item No.	Pkg Type	Case
SPE317 (500 ML)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

MTBE See Methyl Tert-Butyl Ether

Murexide (Ammonium Purpurate) Reagent ACS Grade

CaH₈N₆O₆ F.W. 284.19 CAS# 3051-09-0		
Item No.	Pkg Type	Case
M9013-5G	Amber Glass	
M9013-10G	Amber Glass	
M9013-25G	Amber Glass	
M9013-100G	Clear Plastic	

DOT: Not Regulated

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Specifications

Suitability as complexometric indicator: Passes test

Murexide-Sodium Chloride Indicator for Calcium

Item No.	Pkg Type	Case
6000-100G	Clear Plastic	
6000-500G	Clear Plastic	

DOT: Not Regulated

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Murexide Indicator 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
ND231A (500 ML)	Amber Glass	
ND231 (1 L)	Amber Plastic	

DOT: Not Regulated

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Naptha VM&P

CAS# 64742-89-8

Item No.	Pkg Type	Case
N2200-500ML	Amber Glass	
N2200-4L	Metal Can	4
N2200-20L	Metal Can	
N2200-200L	Metal Drum	



DOT: UN 1268 Petroleum distillates, n.o.s. (Solvent naphtha (petroleum), light aliph.), 3, II

Naphthalene Laboratory Grade Flake

C₁₀H₈ F.W. 128.17 CAS# 91-20-3		
Item No.	Pkg Type	Case
N2101-500G	Clear Plastic	12
N2101-2.5KG	Clear Plastic	4



DOT: UN 1334 Naphthalene, crude, 4.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

a-Naptholbenzein Indicator Grade

C₂₇H₁₈O₂ F.W. 347.43 CAS# 145-50-6		
Item No.	Pkg Type	Case
N2250-10G	Amber Glass	



DOT: Not Regulated

p-Naptholbenzein 1% w/v Indicator Solution (ASTM D3242 and D974)

Item No.	Pkg Type	Case
6100-100ML	Amber Glass	
6100-250ML	Amber Glass	
6100-500ML	Amber Glass	
6100-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene, Isopropanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

N-1-Naphthylethylenediamine Dihydrochloride Reagent Grade, Powder

$C_{12}H_{14}N_2 \cdot 2HCl$ F.W. 259.17 CAS# 1465-25-4

Item No.	Pkg Type	Case
N2801-25G	Amber Glass	



DOT: Not Regulated

Nessler's Reagent APHA for Ammonia Nitrogen

Item No.	Pkg Type	Case
6350-100ML	Amber Plastic	
6350-250MLG	Amber Glass	
6350-500ML	Amber Plastic	
6350-1L	Amber Plastic	
6350-4L	Amber Plastic	



DOT: UN 2922 Corrosive liquids, toxic, n.o.s. (Sodium Hydroxide, Mercury Iodide (Red)), 8(6.1), II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Neutral Detergent Fiber Solution (AOAC Method 2002.04)

(AOAC Method 2002.04)

Item No.	Pkg Type	Case
6425-4L	Clear Plastic	4
6425-10L	Cubitainer®	
6425-20L	Cubitainer®	



DOT: Not Regulated

Neutral Red TS 0.1% w/v in 50% Alcohol

Item No.	Pkg Type	Case
6243-500ML	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Neutralization Number Solvent for TAN (ASTM D3242, D664, D974)

Item No.	Pkg Type	Case
6520-500ML	Amber Glass	
6520-1L	Amber Glass	6
6520-1LPVC	Coated Glass	6
6520-4L	Amber Glass	4
6520-4LPVC	Coated Glass	4
6520-10L	Clear Plastic	
6520-20L	Clear Plastic	
6520-200L	Poly Drum	



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene, Isopropanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Nickel Metal Laboratory Grade Shot

Ni F.W. 58.71 CAS# 7440-02-0/1

Item No.	Pkg Type	Case
N3503-100G	Clear Plastic	
N3503-500G	Clear Plastic	
N3503-2.5KG	Clear Plastic	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Nickel AA Standard 1,000 ppm, NIST Traceable

Item No.	Pkg Type	Case
6450-100ML	Clear Plastic	
6450-250ML	Clear Plastic	
6450-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Ninhydrin Reagent ACS Grade

$C_8H_6Cl_2O$ F.W. 178.15 CAS# 485-47-2

Item No.	Pkg Type	Case
N3601-5G	Amber Glass	
N3601-10G	Amber Glass	
N3601-25G	Clear Plastic	
N3601-100G	Amber Glass	12
N3601-500G	Amber Glass	
N3601-1KG	Amber Glass	



DOT: Not Regulated

Specifications

Identification and melting point	Passes test
Solubility	Passes test
Sensitivity to amino acids	Passes test

Nital Etch Solution 5% v/v Nitric Acid in Methanol

Item No.	Pkg Type	Case
SPE880 (500 ML)	Amber Plastic	
SPE880A (4 L)	Amber Glass	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Methanol, Nitric Acid), 3(8), II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Nital-Etch Solution 10% Nitric Acid in Methanol

Item No.	Pkg Type	Case
SPE079B (250 ML)	Amber Plastic	
SPE079 (500 ML)	Amber Plastic	
SPE079A (1 L)	Amber Plastic	
SPE079C (4 L)	Beta Bottle	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Methanol, Nitric Acid), 3(8), II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Nitrate Standard 100 ppm as NO₃ Aqueous Solution

Item No.	Pkg Type	Case
6446-500ML	Amber Plastic	

DOT: Not Regulated



Nitrate Standard 200 ppm as NO₃

Item No.	Pkg Type	Case
SPX805 (500 ML)	Amber Plastic	
DOT: Not Regulated		

Nitrate Standard 400 ppm w/v as NO₃

Item No.	Pkg Type	Case
SPE625 (500 ML)	Amber Plastic	
DOT: Not Regulated		

Nitrate Standard 1,000 ppm as NO₃ (1ml = 1mg NO₃)

2 month expiration

Item No.	Pkg Type	Case
6478-100ML	Amber Plastic	
6478-500ML	Amber Plastic	
6478-1L	Amber Plastic	
DOT: Not Regulated		

Nitrate Standard 1,000 ppm as N- NO₃ (1 ml = 1 mg N)

Item No.	Pkg Type	Case
6430-1L	Amber Plastic	
DOT: Not Regulated		

Nitrate Ionic Strength Adjuster See Ammonium Sulfate 2M ISA

Nitric Acid 68-70% Reagent ACS Grade

HNO ₃	F.W. 63.01	CAS# 7697-37-2
Item No.	Pkg Type	Case
N3805-500ML	Clear Glass	6
N3805-500MLSC	Coated Glass	6
N3805-2.5L	Clear Glass	6
N3805-2.5L(PVC)	Coated Glass	6
N3805-2.5PVC-SS	Coated Glass	



DOT: UN 2031 Nitric acid, 8(5.1), II

Specifications

Assay	68.0 - 70.0% HNO ₃
Appearance	Colorless, free from sus. matter and sediment
Residue after ignition	≤ 5 ppm
Chloride (Cl)	≤ 0.5 ppm
Sulfate (SO ₄)	≤ 1 ppm
Arsenic (As)	≤ 0.01 ppm
Heavy metals (as Pb)	≤ 0.2 ppm
Iron (Fe)	≤ 0.2 ppm
Color (APHA)	≤ 10

Nitric Acid, 67-70% Trace Metal Grade

HNO ₃	F.W. 63.01	CAS# 7697-37-2
Item No.	Pkg Type	Case
N3810-500ML	Clear Glass	
N3810-2.5L	Clear Glass	
N3810-2.5L(PVC)	Coated Glass	



DOT: UN 2031 Nitric acid, 8(5.1), II

Nitric Acid 1% v/v Aqueous Solution

Item No.	Pkg Type	Case
6456-500ML	Clear Plastic	
6456-1L	Clear Plastic	6
6456-4L	Clear Plastic	4
6456-4LC	Cubitainer®	



DOT: Not Regulated

Nitric Acid 2% v/v Aqueous Solution

Item No.	Pkg Type	Case
6469-1L	Clear Plastic	
6469-4L	Clear Plastic	



DOT: Not Regulated

Nitric Acid 2% v/v Trace Metals Grade Solution

Item No.	Pkg Type	Case
ND383 (10 L)	Cubitainer®	



DOT: Not Regulated

Nitric Acid 3% v/v Aqueous Solution

Item No.	Pkg Type	Case
SPX122 (500 ML)	Clear Plastic	6



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Nitric Acid 5% v/v Aqueous Solution

Item No.	Pkg Type	Case
6458-500ML	Clear Plastic	6
6458-1L	Clear Plastic	6
6458-4L	Clear Plastic	4
6458-10L	Cubitainer®	
6458-20L	Cubitainer®	
6458-200L	Poly Drum	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Nitric Acid 6% w/w Solution NIST Traceable

Assay = 5.800 - 6.200% w/w

Item No.	Pkg Type	Case
6448-4L	Amber Glass	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Nitric Acid 10% v/v Aqueous Solution

Item No.	Pkg Type	Case
6473-500ML	Clear Plastic	6
6473-4L	Clear Plastic	4
6473-10LHP	Clear Plastic	
6473-20L	Cubitainer®	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Nitric Acid 20% v/v Aqueous Solution

Item No.	Pkg Type	Case
6483-500ML	Clear Plastic	
6483-1L	Clear Plastic	6
6483-2.5L	Clear Glass	6
6483-2.5LPVC	Coated Glass	



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 1+ 4 Aqueous Solution ASTM D128

Item No.	Pkg Type	Case
6463-1L	Coated Glass	



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 25% v/v (1 + 3) Aqueous Solution

Item No.	Pkg Type	Case
6457-500ML	Amber Glass	6
6457-4L	Amber Glass	
6457-4LG	Amber Glass	
6457-10L	Cubitainer®	



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 30% v/v Aqueous Solution

Item No.	Pkg Type	Case
6476-500ML	Amber Glass	6
6476-1L	Amber Glass	
6476-2.5L	Clear Glass	



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 35% v/v Aqueous Solution

Item No.	Pkg Type	Case
6442-2.5L	Coated Glass	6



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 40% v/v Aqueous Solution ASTM D1091

Item No.	Pkg Type	Case
6464-500ML	Amber Glass	
6464-1L	Coated Glass	
6464-2.5L	Clear Glass	6



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 50% v/v (1:1) Solution, ASTM D808

Item No.	Pkg Type	Case
6474-500ML	Amber Glass	6
6474-1L	Coated Glass	6
6474-1LSC	Coated Glass	
6474-2.5L	Clear Glass	6



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
6459-500ML	Clear Plastic	
6459-1L	Clear Plastic	

DOT: Not Regulated

Nitric Acid 0.02 Normal (N/50) NIST Traceable Solution

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
6462-500ML	Clear Plastic	6
6462-1L	Clear Plastic	6
6462-4L	Clear Plastic	4

DOT: Not Regulated

Nitric Acid 0.0333 Normal (N/30) NIST Traceable Solution

Normality = 0.0330 - 0.0336 @20°C

Item No.	Pkg Type	Case
6461-1L	Clear Plastic	6
6461-4L	Clear Plastic	4
6461-20L	Cubitainer®	

DOT: Not Regulated

Nitric Acid 0.05 Molar NIST Traceable Solution

Molarity = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
6447-1L	Clear Plastic	



DOT: Not Regulated

Nitric Acid 0.1 Normal (N/10) NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
6460-500ML	Clear Plastic	6
6460-1L	Clear Plastic	6
6460-4L	Clear Plastic	4



DOT: Not Regulated

Nitric Acid 0.25 Normal NIST Traceable Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
6449-1L	Clear Plastic	



DOT: Not Regulated



Nitric Acid 0.3 Normal NIST Traceable Solution

Normality = 0.2995 - 0.3005 @20°C

Item No.	Pkg Type	Case
6466-1L	Clear Plastic	6
6466-4L	Clear Plastic	4



DOT: Not Regulated

Nitric Acid 0.333 Normal NIST Traceable Solution

Normality = 0.3325 - 0.3335 @20°C

Item No.	Pkg Type	Case
6465-500ML	Clear Plastic	12
6465-1L	Clear Plastic	4



DOT: Not Regulated

Nitric Acid 0.5 Normal (N/2) NIST Traceable Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
6467-1L	Clear Plastic	6
6467-4L	Clear Plastic	4



DOT: UN 1760 Corrosive liquids, n.o.s. (Nitric Acid), 8, III

Nitric Acid 1.0 Normal NIST Traceable Solution

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
6470-500ML	Clear Plastic	6
6470-1L	Clear Plastic	6
6470-4L	Clear Plastic	4
6470-4LC	Cubitainer®	
6470-10L	Cubitainer®	
6470-20L	Cubitainer®	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Nitric Acid 2.0 Normal NIST Traceable Solution

Normality = 1.9985 - 2.0015 @20°C

Item No.	Pkg Type	Case
6445-2.5L	Coated Glass	
6445-4L	Beta Bottle	



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 3 Normal (Molar) NIST Traceable Solution

Normality = 2.9975 - 3.0025 @20°C

Item No.	Pkg Type	Case
6420-1L	Clear Plastic	
6420-2.5L	Coated Glass	



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 3.93 Normal NIST Traceable Solution

Normality = 3.9270 - 3.9330 @20°C

Item No.	Pkg Type	Case
6441-1L	Amber Glass	



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 5.0 Normal Solution

Normality = 4.995 - 5.005 @20°C

Item No.	Pkg Type	Case
6468-500ML	Amber Glass	



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 6.0 Normal NIST Traceable Solution

Normality = 5.950 - 6.050 @20°C

Item No.	Pkg Type	Case
6471-500ML	Amber Plastic	6
6471-1L	Amber Glass	6
6471-2.5L	Clear Glass	



DOT: UN 2031 Nitric acid solution, 8, II

Nitric Acid 8.0 Normal Solution

Item No.	Pkg Type	Case
6443-500ML	Clear Plastic	



DOT: UN 2031 Nitric acid solution, 8, II

Nitritotriacetic Acid Trisodium Salt Monohydrate

C6H8NNa3O6 • H2O F.W. 275.1 CAS# 18662-53-8

Item No.	Pkg Type	Case
N3905-100G	Clear Plastic	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Nitritotriacetic Acid 99%

C6H9NO6 F.W. 191.14 CAS# 139-13-9

Item No.	Pkg Type	Case
N3908-100G	Amber Glass	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Nitrite Standard 300 ppm as NO₂, Solution

3 month expiration

Item No.	Pkg Type	Case
6487-500ML	Amber Plastic	

DOT: Not Regulated

Nitrite Standard 1,000 ppm as NO₂ Solution

3 month expiration

Item No.	Pkg Type	Case
6485-100ML	Amber Plastic	
6485-500ML	Amber Plastic	
6485-1L	Amber Plastic	

DOT: Not Regulated

Nitrogen Standard 1.0 ppm as N Solution

2 month expiration

Item No.	Pkg Type	Case
6491-500ML	Clear Plastic	
6491-1L	Clear Plastic	
6491-4L	Cubitainer®	
6491-4LC	Cubitainer®	

DOT: Not Regulated

Nitrogen Standard (from Nitrate) 1.0 ppm as N Solution

Item No.	Pkg Type	Case
6504-1L	Amber Plastic	

DOT: Not Regulated

Nitrogen Standard 5.0 ppm as N, Solution, Certified

2 month expiration

Item No.	Pkg Type	Case
6489-100ML	Clear Plastic	
6489-500ML	Clear Plastic	
6489-1L	Clear Plastic	
6489-4L	Clear Plastic	

DOT: Not Regulated

Nitrogen Standard 10.0 ppm (1ml = 0.01 mg N), Certified

2 month expiration

Item No.	Pkg Type	Case
6480-100ML	Clear Plastic	
6480-250ML	Clear Plastic	
6480-500ML	Clear Plastic	
6480-1L	Clear Plastic	
6480-4LC	Cubitainer®	

DOT: Not Regulated

Nitrogen Standard (from Nitrate) 10.0 ppm as N, Solution

Item No.	Pkg Type	Case
6497-500ML	Amber Plastic	
6497-1L	Amber Plastic	

DOT: Not Regulated

Nitrogen Standard 25.0 ppm as N Solution, Certified

2 month expiration

Item No.	Pkg Type	Case
6508-500ML	Clear Plastic	

DOT: Not Regulated

Nitrogen Standard 50.0 ppm as N Solution, Certified

2 month expiration

Item No.	Pkg Type	Case
6488-100ML	Clear Plastic	
6488-250ML	Clear Plastic	
6488-500ML	Clear Plastic	
6488-1L	Clear Plastic	
6488-4L	Clear Plastic	
6488-4LC	Cubitainer®	

DOT: Not Regulated

Nitrogen Standard (from Nitrate) 50.0 ppm as N Solution

Item No.	Pkg Type	Case
6500-1L	Amber Plastic	

DOT: Not Regulated

Nitrogen Standard 100 ppm Solution (1ml = 0.1mg N) Certified

2 month expiration

Item No.	Pkg Type	Case
6494-100ML	Clear Plastic	
6494-250ML	Clear Plastic	
6494-500ML	Clear Plastic	
6494-1L	Clear Plastic	
6494-4LC	Cubitainer®	

DOT: Not Regulated

Nitrogen Standard (from Nitrate) 100 ppm as N (442.7 ppm as NO₃)

3 month expiration

Item No.	Pkg Type	Case
6495-100ML	Amber Glass	
6495-500ML	Amber Glass	
6495-1L	Amber Glass	

DOT: Not Regulated

Nitrogen Standard (from Nitrite) 100 ppm as N (328.5 ppm as NO₂)

3 month expiration

Item No.	Pkg Type	Case
6509-100ML	Amber Plastic	

DOT: Not Regulated

Nitrogen Standard (Nitrite) 250 ppm as N Solution

3 month expiration

Item No.	Pkg Type	Case
6484-100ML	Amber Plastic	
6484-500ML	Amber Plastic	

DOT: Not Regulated

Nitrogen Standard 500 ppm as N Certified Solution

3 month expiration

Item No.	Pkg Type	Case
6492-100ML	Clear Plastic	
6492-250ML	Clear Plastic	
6492-500ML	Clear Plastic	
6492-1L	Clear Plastic	
6492-4LC	Cubitainer®	

DOT: Not Regulated

Nitrogen Standard 1,000 ppm Solution, (1ml = 1mg N) Certified

3 month expiration

Item No.	Pkg Type	Case
6490-100ML	Clear Plastic	
6490-250ML	Clear Plastic	
6490-500ML	Clear Plastic	
6490-1L	Clear Plastic	
6490-1LG	Amber Glass	

DOT: Not Regulated

Nitrogen Standard (from Nitrate) 1,000 ppm as N Solution

Item No.	Pkg Type	Case
6496-100ML	Amber Plastic	
6496-500ML	Amber Plastic	
6496-1L	Amber Plastic	

DOT: Not Regulated



Nitrogen Standard (from Nitrite) 1,000 ppm as N from NO₂

3 month expiration

Item No.	Pkg Type	Case
6506-100ML	Amber Plastic	
6506-500ML	Amber Plastic	
6506-1L	Amber Plastic	

DOT: Not Regulated

Nitrogen Standard 5,000 ppm as N (1 ml = 5 mg N)

3 month expiration

Item No.	Pkg Type	Case
6505-1L	Clear Plastic	

DOT: Not Regulated

Nitrogen Standard 10,000 ppm as N (1ml = 10mg)

3 month expiration

Item No.	Pkg Type	Case
6512-1L	Clear Plastic	

DOT: Not Regulated

N-Methyl-Pyrrolidinone See 1-Methyl-2-Pyrrolidone

NMP See 1-Methyl-2-Pyrrolidone

m-Nitrophenol Reagent Grade

C₆H₅NO₂ F.W. 139.11 CAS# 554-84-7

Item No.	Pkg Type	Case
N4105-5G	Amber glass	
N4105-25G	Amber Glass	



DOT: UN 1663 Nitrophenols, 6.1, III

1-Octanol (Octyl Alcohol) (Capryl Alcohol) Laboratory Grade

CH₃(CH₂)₆CH₂OH F.W. 130.23 CAS# 111-87-5

Item No.	Pkg Type	Case
O5105-500ML	Amber Glass	6
O5105-1L	Amber Glass	6
O5105-4L	Amber Glass	



DOT: Not Regulated

Oils See Specific Oil as Mineral, or Corn Oil

Oleic Acid Laboratory Grade

C₁₈H₃₄O₂ F.W. 282.47 CAS# 112-80-1

Item No.	Pkg Type	Case
O6499-500ML	Amber Glass	6
O6499-1L	Amber Glass	6
O6499-4L	Amber Glass	4



DOT: Not Regulated

ORP Buffers See Redox Buffer

Oxalic Acid Reagent ACS Grade Crystal

HOCOCOOH•2H₂O F.W. 126.07 CAS# 6153-56-6

Item No.	Pkg Type	Case
O9501-125G	Clear Plastic	12
O9501-500G	Clear Plastic	12
O9501-2.5KG	Clear Plastic	4
O9501-12KG	White Pail	



DOT: UN 3261 Corrosive solid, acidic, organic, n.o.s.
(Oxalic Acid Dihydrate), 8, III

Specifications

Assay (H ₂ C ₂ O ₄ •2H ₂ O)	99.5-102.5%
Substances darkened by	
hot sulfuric acid	Passes test
Insoluble matter	≤ 0.005%
Residue after ignition	≤ 0.01%
Chloride (Cl)	≤ 0.002%
Sulfate (SO ₄)	≤ 0.005%
Calcium (Ca)	≤ 0.001%
Nitrogen compounds (as N)	≤ 0.001%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 2 ppm

Oxalic Acid Technical Grade Crystal

HOCOCOOH•2H₂O F.W. 126.07 CAS# 6153-56-6

Item No.	Pkg Type	Case
O9508-500G	Clear Plastic	12
O9508-2.5KG	Clear Plastic	4
O9508-12KG	White Pail	
O9508-25KG	Poly Lined Bag	
O9508-55LB	Poly Lined Bag	



DOT: UN 3261 Corrosive solid, acidic, organic, n.o.s.
(Oxalic Acid Dihydrate), 8, III

Oxalic Acid 5% w/v Aqueous Solution

Item No.	Pkg Type	Case
6575-500ML	Clear Plastic	6
6575-1L	Clear Plastic	6
6575-4L	Clear Plastic	



DOT: Not Regulated

Oxalic Acid 7.5% w/v Aqueous Solution

Item No.	Pkg Type	Case
6577-500ML	Clear Plastic	6
6577-1L	Clear Plastic	6
6577-4L	Clear Plastic	
6577-20L	Cubitainer®	



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Oxalic Acid Dihydrate), 8, III

Oxalic Acid 10% w/v Aqueous Solution

Assay = 9.80 - 10.20% w/v

Item No.	Pkg Type	Case
6580-250ML	Clear Plastic	
6580-500ML	Clear Plastic	6
6580-1L	Clear Plastic	6
6580-4L	Clear Plastic	
6580-20L	Cubitainer®	
6580-200L	Poly Drum	



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Oxalic Acid Dihydrate), 8, III

Oxalic Acid 0.100 Normal NIST Traceable Solution

Normality = 0.0996 - 0.1004 @20°C

Item No.	Pkg Type	Case
6992-500ML	Clear Plastic	6
6992-1L	Clear Plastic	

DOT: Not Regulated

Palladium Standard 1,000 ppm (1ml = 1mg Pd) NIST Traceable

Item No.	Pkg Type	Case
6590-100ML	Clear Plastic	
6590-500ML	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, II

PAN Indicator 0.3% w/v in Ethanol

Item No.	Pkg Type	Case
SPX124 (500 ML)	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II



WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Paraffin Oil See Mineral Oil

Paraffin Wax (Household Type)

CAS# 8002-74-2

Item No.	Pkg Type	Case
P0720-454G	Envelope Wrapped	12

DOT: Not Regulated

Paraformaldehyde Certified

HO(CH₂O)_nH CAS# 30525-89-4

Item No.	Pkg Type	Case
P0280-500G	Clear Plastic	



DOT: UN 2213 Paraformaldehyde, 4.1, III

n-Pentane (99+%) Reagent Grade

CH₃(CH₂)₃CH₃ F.W. 72.15 CAS# 109-66-0/1

Item No.	Pkg Type	Case
P1033-500ML	Amber Glass	6
P1033-1L	Amber Glass	6
P1033-4L	Amber Glass	4
P1033-4L(PVC)	Coated Glass	4
P1033-20L	Metal Can	
P1033-200L	Metal Drum	



DOT: UN 1265 Pentanes, 3, I

Specifications

Assay (n-Pentane)	≥ 99.0%
Color (Saybolt)	+30
Sulfur (as S)	≤ 5 ppm
nonvolatile matter	≤ 1 mg/100ml
Benzene	≤ 5 ppm
Water	≤ 25 ppm
Acidity, Residue ASTM D1093	Neutral

Pentane HPLC Grade

CH₃(CH₂)₃CH₃ F.W. 72.15 CAS# 109-66-0/1

Item No.	Pkg Type	Case
P1032-4L	Amber Glass	4



DOT: UN 1265 Pentanes, 3, I

Pentane Laboratory Grade

CH₃(CH₂)₃CH₃ F.W. 72.15 CAS# 109-66-0/1

Item No.	Pkg Type	Case
P1035-500ML	Amber Glass	6
P1035-1L	Amber Glass	6
P1035-4L	Amber Glass	4
P1035-20L	Metal Can	



DOT: UN 1265 Pentanes, 3, I



Pentane 44% w/w Toluene 56% w/w Solution

Item No.	Pkg Type	Case
SPX175C (16 OZ)	Metal Can	
SPX175B (1 L)	Metal Can	
SPX175 (4 L)	Amber Glass	
SPX175A (20 L)	Metal Can	



DOT: UN 1993 Flammable liquids, n.o.s. (Pentane, Toluene), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov

Perchloric Acid 70% w/w Reagent ACS Grade

HClO₄ F.W. 100.46 CAS# 7601-90-3

Item No.	Pkg Type	Case
P1505-8LB	Clear Glass	4



DOT: UN 1873 Perchloric acid, 5.1(8), I

Specifications

Assay (as HClO ₄)	69.0 - 72.0%
Color (APHA)	≤ 10
Residue after ignition	≤ 0.003%
Silicate and phosphate (as SiO ₂)	≤ 5 ppm
Chloride (Cl)	≤ 0.001%
Nitrogen compounds (as N)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.001%
Heavy Metals (as Pb)	≤ 1 ppm
Iron (Fe)	≤ 1 ppm

Perchloric Acid 0.001 Normal in Acetic Acid NIST Traceable

Item No.	Pkg Type	Case
6601-500ML	Amber Glass	6
6601-1L	Amber Glass	6
6601-4L	Coated Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

Perchloric Acid 0.010 Normal in Acetic Acid NIST Traceable

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
6603-1L	Amber Glass	6
6603-4L	Amber Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

Perchloric Acid 0.01 Normal in n-Butyl Alcohol

Item No.	Pkg Type	Case
SPE475 (1 L)	Amber Glass	
SPE475A (4 L)	Amber Glass	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Butanols, Acetic Acid, Glacial), 3(8), III

Perchloric Acid 0.02 Normal in Acetic Acid, NIST Traceable

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
6604-1L	Amber Glass	6
6604-4L	Amber Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

Perchloric Acid 0.02 Molar Acetous, Certified to UOP 269

Molarity = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
SPX516 (1 L)	Amber Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

Perchloric Acid 0.035 Normal (Molar) Solution NIST Traceable

Normality = 0.0345 - 0.0355 @20°C

Item No.	Pkg Type	Case
SPX029 (1 L)	Amber Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

Perchloric Acid 0.100 Normal in Acetic Acid, NIST Traceable (ASTM E200)

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
6600-500ML	Amber Glass	6
6600-1L	Amber Glass	6
6600-2.5L	Coated Glass	
6600-4L	Amber Glass	4
6600-4LPVC	Coated Glass	
6600-20L	Cubitainer®	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

Perchloric Acid 0.5 Normal in Acetic Acid, NIST Traceable

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
6610-1L	Amber Glass	
6610-4L	Amber Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

Perchloric Acid 1.0 Normal Aqueous Solution, NIST Traceable

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
SPE036B (500 ML)	Amber Glass	
SPE036A (1 L)	Amber Glass	
SPE036 (4 L)	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Perchloric acid 68 - 70% w/w), 8, II

Periodic Acid Reagent ACS Grade

H_2IO_6 F.W. 227.96 CAS# 10450-60-9

Item No.	Pkg Type	Case
P1625-100G	Clear Plastic	
P1625-500G	Amber Glass	



DOT: UN 3085 Oxidizing solid, corrosive, n.o.s. (Periodic Acid), 5.1(8), II

Specifications

Assay (H_2IO_6)	99.0 - 101.0%
Insoluble matter	≤ 0.01%
Residue after ignition	≤ 0.01%
Other halogens (as Cl)	≤ 0.01%
Sulfate (SO_4)	≤ 0.01%
Heavy metals (as Pb)	≤ 0.005%
Iron (Fe)	≤ 0.003%

Periodic Acid 0.6% w/v in 80% v/v Acetic Acid

Item No.	Pkg Type	Case
SPE897 (4 L)	Amber Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

Petroleum Ether Reagent ACS Grade, Boiling Range 35 - 60°C

CAS# 8032-32-4/1

Item No.	Pkg Type	Case
P1924-500ML	Amber Glass	6
P1924-1L	Amber Glass	6
P1924-4L	Amber Glass	4
P1924-4L(PVC)	Coated Glass	4
P1924-20L	Metal Can	
P1924-200L	Metal Can	



DOT: UN 1268 Petroleum distillates, n.o.s. (Petroleum Ether), 3, II

Specifications

Color (APHA)	≤ 10
Boiling range	35-60° C
Residue after evaporation	≤ 0.001%
Acidity	Passes test

Petroleum Ether HPLC Grade

CAS# 8032-32-4/1

Item No.	Pkg Type	Case
P1922-4L	Amber Glass	4



DOT: UN 1268 Petroleum distillates, n.o.s. (Petroleum Ether), 3, II

Petroleum Ether for Fat Extraction, Boiling Range 35-60°C

CAS# 8032-32-4/1

Item No.	Pkg Type	Case
P1925-20L	Metal Can	



DOT: UN 1268 Petroleum distillates, n.o.s. (Petroleum Ether), 3, II

Petroleum Ether Laboratory Grade, Boiling Range 35-60°C

CAS# 8032-32-4/1

Item No.	Pkg Type	Case
P1926-500ML	Amber Glass	
P1926-1L	Amber Glass	6
P1926-4L	Amber Glass	4
P1926-20L	Metal Can	
P1926-200L	Metal Drum	



DOT: UN 1268 Petroleum distillates, n.o.s. (Petroleum Ether), 3, II

1,10-Phenanthroline, Monohydrate Reagent ACS Grade

$C_{12}H_9N_2 \cdot H_2O$ F.W. 198.22 CAS# 5144-89-8

Item No.	Pkg Type	Case
P1938-10G	Amber Glass	
P1938-25G	Amber Glass	
P1938-100G	Clear Plastic	



DOT: UN 2811 Toxic solids, organic, n.o.s. (1,10-Phenanthroline, Monohydrate), 6.1, III

Specifications

Suitability as redox indicator	Passes test
Suitability for determining iron	Passes test

1,10-Phenanthroline 0.1% w/v Aqueous Solution

APHA for Iron

Item No.	Pkg Type	Case
6620-100ML	Amber Plastic	12
6620-500ML	Amber Plastic	6
6620-1L	Amber Plastic	6
6620-4L	Amber Plastic	

DOT: Not Regulated

1,10-Phenanthroline 0.1% w/v in Methanol

Item No.	Pkg Type	Case
6624-250ML	Clear Plastic	
6624-4L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov

1,10-Phenanthroline 0.3% w/v Aqueous Solution

Item No.	Pkg Type	Case
6621-100ML	Amber Plastic	12
6621-500ML	Amber Plastic	6
6621-1L	Amber Plastic	6
6621-4L	Amber Plastic	

DOT: Not Regulated

1,10-Phenanthroline Solution (3g/L), ASTM E394

Item No.	Pkg Type	Case
6622-1L	Amber Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov



Phenol Reagent ACS Grade Crystal

C6H5OH F.W. 94.11 CAS# 108-95-2

Item No.	Pkg Type	Case
P1953-125G	Amber Glass	
P1953-500G	Amber Glass	



DOT: UN 1671 Phenol, solid, 6.1, II

Specifications

Assay	≥ 99.0% <chem>C6H5OH</chem>
Freezing point	Not below 40.5°C (Dry Basis)
Clarity of solution	Passes test
Residue after evaporation	≤ 0.05%
Water	≤ 0.5%

Phenol Liquified 88% w/w Solution

Item No.	Pkg Type	Case
P1955-500ML	Amber Glass	
P1955-1L	Amber Glass	
P1955-4L	Amber Glass	



DOT: UN 2821 Phenol solutions, 6.1, II

Phenol, 5% w/v Aqueous Solution

Item No.	Pkg Type	Case
P1959-500ML	Amber Glass	6



DOT: UN 2821 Phenol solutions, 6.1, II

Phenol Standard 20.0 ppm Solution

Item No.	Pkg Type	Case
SPX498A (100 ML)	Amber Glass	
SPX498 (500 ML)	Amber Glass	

DOT: Not Regulated

Phenol Standard 25.0 ppm Solution

Expiration = 2 Month

Item No.	Pkg Type	Case
6710-100ML	Amber Glass	
6710-250ML	Amber Glass	
6710-500ML	Amber Glass	

DOT: Not Regulated

Phenol Standard 50.0 ppm Solution

Expiration = 2 Month

Item No.	Pkg Type	Case
6712-100ML	Amber Glass	
6712-250ML	Amber Glass	
6712-500ML	Amber Glass	

DOT: Not Regulated

Phenol Standard Solution 100 ppm (1 ml = 0.1 mg)

Expiration = 3 Month

Item No.	Pkg Type	Case
6722-100ML	Amber Glass	
6722-250ML	Amber Glass	
6722-500ML	Amber Glass	
6722-1L	Amber Glass	

DOT: Not Regulated

Phenol Standard 500.0 ppm Solution

Expiration = 3 Month

Item No.	Pkg Type	Case
6718-100ML	Amber Glass	
6718-250ML	Amber Glass	
6718-500ML	Amber Glass	

DOT: Not Regulated

Phenol Standard Solution 1,000 ppm (1 ml = 1 mg)

Expiration = 3 Month

Item No.	Pkg Type	Case
6720-100ML	Amber Glass	
6720-500ML	Amber Glass	
6720-1L	Amber Glass	

DOT: Not Regulated

Phenolphthalein Reagent ACS Grade Powder

C6H4COOC(C6H4-4-OH)2 F.W. 318.33 CAS# 77-09-8

Item No.	Pkg Type	Case
P1990-30G	Clear Plastic	12
P1990-125G	Clear Plastic	12
P1990-500G	Clear Plastic	12
P1990-2.5KG	Clear Plastic	4
P1990-5KG	White Pail	
P1990-12KG	White Pail	
P1990-25KG	Fiber Drum	



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Clarity of alcohol solution	Passes test
Visual transition interval	From pH 8.0 (colorless) to pH 10 (red)

Phenolphthalein Laboratory Grade Powder

C6H4COOC(C6H4-4-OH)2 F.W. 318.33 CAS# 77-09-8

Item No.	Pkg Type	Case
P1991-100G	Clear Plastic	
P1991-500G	Clear Plastic	
P1991-5KG	White Pail	



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Phenolphthalein Solution 0.1% w/v in Methanol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6635-100ML	Clear Plastic	
6635-500ML	Clear Plastic	6
6635-1L	Clear Plastic	6
6635-4L	Clear Plastic	4
6635-4LC	Cubitainer®	
6635-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Phenolphthalein 0.1% w/v in 50% Ethanol, ASTM D974, D3242, D3712

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6632-100ML	Clear Plastic	
6632-500ML	Clear Plastic	
6632-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol), 3, III

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Phenolphthalein Solution 0.5% w/v in Methanol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6637-100ML	Clear Plastic	
6637-250ML	Clear Plastic	6
6637-500ML	Clear Plastic	6
6637-1L	Clear Plastic	6
6637-4L	Clear Plastic	
6637-4LAP	Amber Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Phenolphthalein Solution 0.5% in 50% Isopropanol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6640-100ML	Clear Plastic	12
6640-500ML	Clear Plastic	6
6640-1L	Clear Plastic	6
6640-4L	Clear Plastic	4
6640-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Phenolphthalein Solution 0.5% in 50% Ethanol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
P1987-100ML	Clear Plastic	12
P1987-500ML	Clear Plastic	
P1987-1L	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Phenolphthalein Solution 0.5% w/v in 95% Alcohol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
P1994-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Phenolphthalein Solution 1% in 50% IPA

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6655-60ML	Clear Plastic Dropper	
6655-500ML	Clear Plastic	6
6655-1L	Clear Plastic	6
6655-4L	Clear Plastic	4



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Phenolphthalein Solution 1% in 95% Alcohol (pH 8.0 Clear, pH 10.0 Pink)

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
P1997-15ML	Clear Plastic Dropper	
P1997-60ML	Clear Plastic Dropper	
P1997-100ML	Clear Plastic	12
P1997-N0125	Nalgene Bottle	
P1997-250ML	Clear Plastic	12
P1997-250MLFT	Clear Plastic	
P1997-500ML	Clear Plastic	6
P1997-500MLFT	Amber Plastic	
P1997-1L	Clear Plastic	6
P1997-1LFT	Amber Plastic	
P1997-4L	Clear Plastic	
P1997-10L	Cubitainer®	
P1997-20L	Cubitainer®	
P1997-60L	Poly Drum	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Phenolphthalein Solution 1% w/v in Isopropanol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6663-100ML	Clear Plastic	12
6663-250ML	Clear Plastic	
6663-500ML	Clear Plastic	6
6663-1L	Clear Plastic	6
6663-4L	Clear Plastic	4
6663-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

 **WARNING: Cancer -** www.P65Warnings.ca.gov.

Phenolphthalein Solution 1% w/v in Methanol Solution

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6662-100ML	Clear Plastic	
6662-250ML	Clear Plastic	
6662-500ML	Clear Plastic	
6662-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.



Phenolphthalein Solution 1% w/v in Methanol, Neutralized

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6664-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Phenolphthalein Solution 1% in 60% v/v Ethyl Alcohol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6657-500ML	Clear Plastic	
6657-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Phenolphthalein Solution 1% in 70% v/v Ethyl Alcohol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6658-100ML	Clear Plastic	
6658-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Phenolphthalein Solution 1% w/v in 70% IPA

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
SPX240A (100 ML)	Clear Plastic	
SPX240 (500 ML)	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Phenolphthalein Solution 1% w/v Neutralized (pH 8.0 clear, pH 10.0 Pink)

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6652-100ML	Clear Plastic	
6652-500ML	Clear Plastic	
6652-1L	Clear Plastic	
6652-10L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Phenolphthalein Solution 1% w/v in Pyridine

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6665-500ML	Amber Glass	
6665-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Pyridine), 3, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Phenolphthalein Solution 2% w/v in Methanol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6659-100ML	Clear Plastic	
6659-500ML	Clear Plastic	
6659-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Phenolphthalein Solution 3% w/v in Methanol

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
6660-500ML	Clear Plastic	6
6660-1L	Clear Plastic	6
6660-4L	Clear Plastic	4



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Phenolphthalein TS Prepared to USP42 NF37

pH 8.0 Clear - 10.0 Pink

Item No.	Pkg Type	Case
SPX791 (500 ML)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol), 3, II

WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Phenol Red Reagent ACS Grade Powder

C6H4(O)S F.W. 354.38 CAS# 143-74-8
pH 6.8 Yellow - 8.2 Red

Item No.	Pkg Type	Case
P1963-1G	Amber Glass	
P1963-5G	Amber Glass	
P1963-10G	Amber Glass	
P1963-25G	Amber Glass	



DOT: Not Regulated

Specifications

Clarity of solution	To pass test
Visual transition interval	From pH 6.8 (yellow) to pH 8.2 (red)

Phenol Red 0.02% w/v Solution (pH 6.8 yellow - 8.2 red)

pH 6.8 Yellow - 8.2 Red

Item No.	Pkg Type	Case
6680-100ML	Clear Plastic	
6680-500ML	Clear Plastic	6
6680-1L	Clear Plastic	6

DOT: Not Regulated

Phenol Red 0.04% w/v Solution (pH 6.8 yellow - 8.2 red)

pH 6.8 Yellow - 8.2 Red

Item No.	Pkg Type	Case
6700-100ML	Clear Plastic	
6700-500ML	Clear Plastic	
6700-1L	Clear Plastic	6
6700-4L	Clear Plastic	

DOT: Not Regulated

Phenol Red 1% w/v Aqueous

pH 6.8 Yellow - 8.2 Red

Item No.	Pkg Type	Case
P1974-100ML	Clear Plastic	
P1974-500ML	Clear Plastic	
P1974-1L	Clear Plastic	

DOT: Not Regulated

Phenol Red TS Solution pH 4.7 Prepared to USP42/NF37

pH 6.8 Yellow - 8.2 Red

Item No.	Pkg Type	Case
ND240 (500 ML)	Amber Glass	



DOT: Not Regulated

Phenylarsine Oxide Titrant 0.00564 Normal APHA for Chlorine

APHA for Chlorine

Item No.	Pkg Type	Case
6740-500ML	Amber Glass	
6740-1L	Amber Glass	6
6740-4L	Amber Glass	

DOT: Not Regulated

Phenylarsine Oxide 0.025 Normal Certified Solution

Normality = 0.0246 - 0.0254 @20°C

Item No.	Pkg Type	Case
6742-4L	Amber Glass	



DOT: Not Regulated

Phenylarsine Oxide 0.0375 Normal Certified Solution

Normality = 0.0372 - 0.0378 @20°C

Item No.	Pkg Type	Case
6744-500ML	Amber Glass	
6744-1L	Amber Glass	



DOT: Not Regulated

Phosphate Buffer pH 7.0 ASTM D1094

Item No.	Pkg Type	Case
6750-1L	Clear Plastic	
6750-4L	Clear Plastic	4
6750-20L	Cubitainer®	

DOT: Not Regulated

Phosphate Buffer pH 7.0 ASTM D1253

Item No.	Pkg Type	Case
6754-500ML	Clear Plastic	
6754-1L	Clear Plastic	
6754-4L	Clear Plastic	

DOT: Not Regulated

Phosphate Buffer Solution pH 7.2, APHA for B.O.D.

Item No.	Pkg Type	Case
6760-500ML	Clear Plastic	
6760-1L	Clear Plastic	
6760-4L	Clear Plastic	

DOT: Not Regulated

Phosphate Buffer Solution APHA for Residual Chlorine DPD Method

Item No.	Pkg Type	Case
6780-500ML	Amber Glass	6
6780-1L	Amber Glass	6
6780-4L	Amber Glass	4

DOT: Not Regulated



WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Phosphate Standard Solution 1.0 ppm as PO₄

3 month expiration

Item No.	Pkg Type	Case
6815-500ML	Clear Plastic	

DOT: Not Regulated

Phosphate Standard Solution 5.0 ppm as PO₄ (1 ml = 0.005 mg PO₄)

3 month expiration

Item No.	Pkg Type	Case
6816-1L	Clear Plastic	

DOT: Not Regulated

Phosphate Standard Solution 10.0 ppm as PO₄

3 month expiration

Item No.	Pkg Type	Case
6817-500ML	Clear Plastic	

DOT: Not Regulated

Phosphate Standard Solution 20.0 ppm as PO₄

3 month expiration

Item No.	Pkg Type	Case
6821-500ML	Clear Plastic	
6821-1L	Clear Plastic	

DOT: Not Regulated

Phosphate Standard Solution 25.0 ppm as PO₄

3 month expiration

Item No.	Pkg Type	Case
6824-500ML	Clear Plastic	

DOT: Not Regulated

Phosphate Standard Solution 50.0 ppm as PO₄

3 month expiration

Item No.	Pkg Type	Case
6823-100ML	Clear Plastic	
6823-500ML	Clear Plastic	

DOT: Not Regulated

Phosphate Standard Solution 1 ml = 0.05mg P

3 month expiration

Item No.	Pkg Type	Case
6820-500ML	Clear Plastic	
6820-1L	Clear Plastic	

DOT: Not Regulated

Phosphate Standard Solution 100 ppm as PO₄

3 month expiration

Item No.	Pkg Type	Case
6825-500ML	Clear Plastic	
6825-1L	Clear Plastic	

DOT: Not Regulated



Phosphate Standard Solution 1,000 ppm as PO₄

6 month expiration

Item No.	Pkg Type	Case
6822-100ML	Clear Plastic	
6822-500ML	Clear Plastic	
6822-1L	Clear Plastic	

DOT: Not Regulated

Phosphoric Acid 85% w/w Reagent ACS Grade

H ₃ PO ₄	F.W. 98	CAS# 7664-38-2
Item No.	Pkg Type	Case
P2380-500ML	Amber Glass	6
P2380-2.5L	Coated Glass	6
P2380-2.5L(PVC)	Coated Glass	6
P2380-4L	Clear Plastic	4
P2380-14LB	Clear Plastic	
P2380-16LB	Clear Plastic	
P2380-20L	Clear Plastic	



DOT: UN 1805 Phosphoric acid solution, 8, III

Specifications

Assay (H ₃ PO ₄)	≥ 85.0%
Insoluble Matter	≤ 0.001%
Chloride (Cl)	≤ 3 ppm
Nitrate (NO ₃)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.003%
Volatile acids (as CH ₃ COOH)	≤ 0.001%
Antimony (Sb)	≤ 0.002%
Calcium (Ca)	≤ 0.002%
Heavy Metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.003%
Manganese (Mn)	≤ 0.5 ppm
Potassium (K)	≤ 0.005%
Color (APHA)	≤ 10
Magnesium (Mg)	≤ 0.002%
Arsenic (As)	≤ 1 ppm
Reducing Substances	Passes test

Phosphoric Acid 85% w/w Laboratory Grade

H ₃ PO ₄	F.W. 98	CAS# 7664-38-2
Item No.	Pkg Type	Case
P2381-500ML	Clear Plastic	6
P2381-1L	Clear Plastic	6
P2381-2.5L	Coated Glass	
P2381-2.5L(PVC)	Coated Glass	6
P2381-4L	Clear Plastic	4
P2381-20L	Clear Plastic	



DOT: UN 1805 Phosphoric acid solution, 8, III

Phosphoric Acid 0.1 Molar Aqueous Solution

Item No.	Pkg Type	Case
6849-4L	Clear Plastic	
6849-10L	Clear Plastic	
6849-20L	Clear Plastic	

DOT: Not Regulated

Phosphoric Acid 0.5 Molar Aqueous Solution

Item No.	Pkg Type	Case
6852-10L	Clear Plastic	
6852-20L	Clear Plastic	



DOT: UN 1805 Phosphoric acid solution, 8, III

Phosphoric Acid 0.6 Molar Aqueous Solution

Item No.	Pkg Type	Case
6853-10L	Clear Plastic	
6853-20L	Clear Plastic	



DOT: UN 1805 Phosphoric acid solution, 8, III

Phosphoric Acid 1.0 Molar Aqueous Solution

Item No.	Pkg Type	Case
6855-1L	Clear Plastic	
6855-10L	Clear Plastic	
6855-20L	Clear Plastic	
6855-200L	Poly Drum	



DOT: UN 1805 Phosphoric acid solution, 8, III

Phosphoric Acid 1% v/v Solution

Item No.	Pkg Type	Case
6856-4L	Clear Plastic	
6856-10L	Clear Plastic	
6856-20L	Clear Plastic	
6856-20LC	Cubitainer®	

DOT: Not Regulated

Phosphoric Acid 1.0% w/w Solution

Item No.	Pkg Type	Case
SPX469 (20 L)	Cubitainer®	



DOT: Not Regulated

Phosphoric Acid 2% v/v Solution

Item No.	Pkg Type	Case
ND005A (4 L)	Clear Plastic	



DOT: Not Regulated

Phosphoric Acid 5% v/v Aqueous Solution

Item No.	Pkg Type	Case
6858-500ML	Clear Plastic	6
6858-1L	Clear Plastic	6
6858-4L	Clear Plastic	4
6858-4LC	Cubitainer®	
6858-10L	Cubitainer®	
6858-20LC	Cubitainer®	
6858-20LHP	Clear Plastic	



DOT: Not Regulated

Phosphoric Acid 10% v/v Aqueous Solution

Item No.	Pkg Type	Case
6860-250ML	Clear Plastic	
6860-500ML	Clear Plastic	12
6860-1L	Clear Plastic	6
6860-4L	Clear Plastic	4
6860-10L	Clear Plastic	
6860-20L	Clear Plastic	



DOT: UN 1805 Phosphoric acid solution, 8, III

Phosphoric Acid 20% v/v Aqueous Solution

Item No.	Pkg Type	Case
6865-500ML	Clear Plastic	6
6865-1L	Clear Plastic	6
6865-4L	Clear Plastic	4
6865-20L	Clear Plastic	



DOT: UN 1805 Phosphoric acid solution, 8, III

Phosphoric Acid 20% w/w Solution

Item No.	Pkg Type	Case
SPX755A (10 L)	Clear Plastic	
SPX755 (20 L)	Clear Plastic	



DOT: UN 1805 Phosphoric acid solution, 8, III

Phosphoric Acid 25% v/v Aqueous Solution

Item No.	Pkg Type	Case
6867-500ML	Clear Plastic	6
6867-1L	Clear Plastic	6
6867-4L	Clear Plastic	4
6867-4LC	Cubitainer®	
6867-10LC	Cubitainer®	
6867-10LHP	Clear Plastic	
6867-20L	Clear Plastic	
6867-200L	Poly Drum	



DOT: UN 1805 Phosphoric acid solution, 8, III

Phosphoric Acid 50% (1:1) Aqueous Solution

Item No.	Pkg Type	Case
6870-1L	Clear Plastic	6
6870-4L	Clear Plastic	4
6870-10L	Clear Plastic	
6870-20L	Clear Plastic	
6870-60L	Poly Drum	



DOT: UN 1805 Phosphoric acid solution, 8, III

Phosphorous Standard 5.0 ppm as P (1ml = 0.005mg P)

Expiration = 6 Month

Item No.	Pkg Type	Case
7552-1L	Clear Plastic	

DOT: Not Regulated

Phosphorous Standard 10.0 ppm NIST Traceable Solution

Expiration = 6 Month

Item No.	Pkg Type	Case
7557-500ML	Clear Plastic	

DOT: Not Regulated

Phosphorous Solution Standard 10.0 ppm ASTM D3231

Expiration = 6 Month

Item No.	Pkg Type	Case
SPX768 (1 L)	Clear Plastic	

DOT: Not Regulated

Total Phosphorous Standard 20.0 ppm as P

Expiration = 3 Month

Item No.	Pkg Type	Case
ND682 (500 ML)	Clear Plastic	

DOT: Not Regulated

Phosphorous Standard 100.0 ppm NIST Traceable

Expiration = 6 Month

Item No.	Pkg Type	Case
7551-100ML	Clear Plastic	
7551-500ML	Clear Plastic	

DOT: Not Regulated

Total Phosphorous Stock Standard 1,000.0 ppm ASTM D3231

Expiration = 3 Month

Item No.	Pkg Type	Case
ND345 (1 L)	Clear Plastic	

DOT: Not Regulated

Phosphorous AA Standard 1,000 ppm as P (1ml = 1mg P) NIST Traceable

Expiration = 6 Month

Item No.	Pkg Type	Case
7550-100ML	Clear Plastic	
7550-500ML	Clear Plastic	

DOT: Not Regulated



Phthalic Anhydride Reagent ACS Grade

C₈H₄O₃ **F.W. 148.11** **CAS# 85-44-9**

Item No.	Pkg Type	Case
P2473-500G	Clear Plastic	12
P2473-2.5KG	Clear Plastic	



DOT: UN 2214 Phthalic anhydride, 8, III

Specifications

Appearance	White Solid
Assay	99.0-100.2% C ₈ H ₄ O ₃
Melting Point	Not more than 3°C range including 131°C
Residue after ignition	≤ 0.01%
Chloride (Cl)	≤ 0.002%
Sulfate (SO ₄)	≤ 0.003%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

Platinum ICP Standard 1,000 ppm in 10% Hydrochloric Acid

Item No.	Pkg Type	Case
6890-100ML	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, II

Platinum Cobalt Color Standards See Color Standards APHA

Polyacrylamide Cross-Linked Crystal

CAS# 9003-05-8

Item No.	Pkg Type	Case
P2530-500G	Clear Plastic	12



DOT: Not Regulated

Polysorbate 80

C₆₄H₁₂₄O₂₆ **F.W. 1,310** **CAS# 9005-65-6**

Item No.	Pkg Type	Case
T9910-500ML	Amber Plastic	
T9910-1L	Amber Plastic	6

DOT: Not Regulated

Polyvinyl Alcohol 99+% Hydrolyzed Laboratory Grade

[CH₂CHOH]_n **F.W. 124-186** **CAS# 9002-89-5**

Item No.	Pkg Type	Case
P2635-25G	Clear Plastic	
P2635-100G	Clear Plastic	
P2635-500G	Clear Plastic	
P2635-1KG	Clear Plastic	
P2635-12KG	White Pail	

DOT: Not Regulated

Polyvinyl Alcohol 4% w/v Solution

Item No.	Pkg Type	Case
P2636-100ML	Clear Plastic	12
P2636-500ML	Clear Plastic	12
P2636-1L	Clear Plastic	
P2636-4L	Clear Plastic	
P2636-4LC	Cubitainer®	

DOT: Not Regulated

Ponceau S 0.5% w/v in 7.5% w/v Trichloroacetic Acid

Item No.	Pkg Type	Case
SPE842 (500 ML)	Amber Glass	
SPE842A (1 L)	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Trichloroacetic Acid), 8, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Potash, Sulfurated Technical Grade, Lump

K₂S₂/K₂S₂O₃ **F.W. 364.72** **CAS# 39365-88-3**

Item No.	Pkg Type	Case
P2685-100G	Clear Plastic	
P2685-500G	Clear Plastic	12
P2685-2.5KG	Clear Plastic	4
P2685-12KG	White Pail	
P2685-45KG	Fiber Drum	



DOT: Not Regulated

Potassium Acetate Reagent ACS Grade

C₂H₃KO₂ **F.W. 98.15** **CAS# 127-08-2**

Item No.	Pkg Type	Case
P2868-125G	Clear Plastic	
P2868-500G	Clear Plastic	

DOT: Not Regulated

Specifications

Assay (as CH ₃ COOK)	≥ 99.0%
pH of 5% Solution	6.5 - 9.0
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.003%
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.002%
Sodium (Na)	≤ 0.03%

Potassium Antimonyl Tartrate Solution APHA for Phosphorous

Item No.	Pkg Type	Case
6873-500ML	Amber Glass	
6873-1L	Amber Glass	

DOT: Not Regulated

Potassium Bicarbonate Reagent ACS Grade Granular

KHCO₃ **F.W. 100.12** **CAS# 298-14-6**

Item No.	Pkg Type	Case
P2920-125G	Clear Plastic	12
P2920-500G	Clear Plastic	12
P2920-2.5KG	Clear Plastic	4
P2920-12KG	White Pail	
P2920-25KG	Poly Lined Bag	

DOT: Not Regulated

Specifications

Assay (dried basis)	99.7 - 100.5% KHCO ₃
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Phosphate (PO ₄)	≤ 5 ppm
Sulfur compounds (as SO ₄)	≤ 0.003%
Ammonium (NH ₄)	≤ 5 ppm
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.002%
Magnesium (Mg)	≤ 0.001%
Sodium (Na)	≤ 0.03%

Potassium Bi-Iodate 0.025 Normal Solution

Item No.	Pkg Type	Case
6895-1L	Amber Plastic	
6895-4L	Amber Plastic	

DOT: Not Regulated

Potassium Bi-Iodate 0.0282 Normal NIST Traceable Solution

Normality = 0.0281 - 0.0283 @20°C

Item No.	Pkg Type	Case
6892-1L	Amber Glass	
6892-4L	Amber Glass	

Potassium Bi-Iodate 0.0375 Normal Solution, Certified

Normality = 0.0372 - 0.0378 @20°C

Item No.	Pkg Type	Case
6897-500ML	Amber Plastic	
6897-1L	Amber Plastic	

DOT: Not Regulated

Potassium Bisulfate Reagent Grade

KHSO₄ F.W. 136.17 CAS# 7646-93-7

Item No.	Pkg Type	Case
P2970-500G	Clear Plastic	
P2970-2.5KG	Clear Plastic	



DOT: UN 2509 Potassium hydrogen sulfate, 8, II

Specifications

Appearance	White Powder or Crystals
Titration (T) NaOH 0.1M	35.0 - 37.0%
Remarks on Titration	as H ₂ SO ₄
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
Solubility (Method)	100mg/ml H ₂ O
ICP Analytis	Confirms K and S Components

Potassium Bromate Reagent ACS Grade

KBrO₃ F.W. 167 CAS# 77580-01-2

Item No.	Pkg Type	Case
P3080-125G	Clear Plastic	12
P3080-500G	Clear Plastic	12
P3080-2.5KG	Clear Plastic	4



DOT: UN 1484 Potassium Bromate, 5.1, II

Specifications

Assay (dried basis)	≥ 99.8% KBrO ₃
pH of a 5% solution at 25° C	5.0 - 9.0
Insoluble matter	≤ 0.005%
Bromide (Br)	Passes test
Sulfate (SO ₄)	≤ 0.005%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.002%
Sodium (Na)	≤ 0.01%

Potassium Bromide Reagent ACS Grade Crystal

KBr F.W. 119 CAS# 7758-02-3

Item No.	Pkg Type	Case
P3143-125G	Clear Plastic	12
P3143-500G	Clear Plastic	12
P3143-2.5KG	Clear Plastic	4
P3143-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 99.0% KBr
pH of a 5% solution at 25° C	5.0-8.8
Insoluble matter	≤ 0.005%
Bromate (BrO ₃)	≤ 0.001%
Iodate (IO ₃)	≤ 0.001%
Chloride (Cl)	≤ 0.2%
Iodide (I)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.005%
Barium (Ba)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.002%
Magnesium (Mg)	≤ 0.001%
Sodium (Na)	≤ 0.02%

Potassium Bromide Laboratory Grade Crystal

KBr F.W. 119 CAS# 7758-02-3

Item No.	Pkg Type	Case
P3145-125G	Clear Plastic	12
P3145-500G	Clear Plastic	12
P3145-2.5KG	Clear Plastic	4
P3145-12KG	White Pail	
P3145-200LB	Fiber Drum	



DOT: Not Regulated

Potassium Bromide 20% w/v Solution

Item No.	Pkg Type	Case
6888-1L	Clear Plastic	



DOT: Not Regulated

Potassium Bromide 40% w/v Solution

Item No.	Pkg Type	Case
6900-500ML	Clear Plastic	
6900-1L	Clear Plastic	
6900-4L	Clear Plastic	



DOT: Not Regulated

Potassium Bromide-Bromate Solutions See Bromide-Bromate



Potassium Carbonate

Reagent ACS Grade Granular

K₂CO₃ F.W. 138.21 CAS# 584-08-7

Item No.	Pkg Type	Case
P3258-125G	Clear Plastic	12
P3258-500G	Clear Plastic	12
P3258-2.5KG	Clear Plastic	4
P3258-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 99.0% K ₂ CO ₃
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.003%
Phosphate (PO ₄)	≤ 0.001%
Silica (SiO ₂)	≤ 0.005%
sulfur compounds (as SO ₄)	≤ 0.004%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.002%
Sodium (Na)	≤ 0.02%

Potassium Carbonate

Laboratory Grade Granular

K₂CO₃ F.W. 138.21 CAS# 584-08-7

Item No.	Pkg Type	Case
P3191-500G	Clear Plastic	12
P3191-2.5KG	Clear Plastic	4
P3191-12KG	White Pail	



DOT: Not Regulated

Potassium Chlorate

Reagent ACS Grade Crystal

KClO₃ F.W. 122.55 CAS# 3811-04-9

Item No.	Pkg Type	Case
P3300-125G	Clear Plastic	12
P3300-500G	Clear Plastic	12
P3300-2.5KG	Clear Plastic	4
P3300-12KG	White Pail	



DOT: UN 1485 Potassium chlorate, 5.1, II

Specifications

Assay	≥ 99.0% KClO ₃
Insoluble Matter	≤ 0.005%
Bromate (BrO ₃)	≤ 0.015%
Chloride (Cl)	≤ 0.001%
Sulfate(SO ₄)	Passes Test
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 3 ppm
Calcium (Ca)	≤ 0.002%
Magnesium (Mg)	≤ 0.002%
Sodium (Na)	≤ 0.01%

Potassium Chloride

Reagent ACS Grade

KCl F.W. 74.55 CAS# 7447-40-7

Item No.	Pkg Type	Case
P3550-125G	Clear Plastic	12
P3550-500G	Clear Plastic	12
P3550-2.5KG	Clear Plastic	4
P3550-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay	99.0-100.5% KCl
pH of a 5% solution @ 25°C	5.4 - 8.6
Iodide (I)	≤ 0.002%
Bromide (Br)	≤ 0.01%
Chlorate and Nitrate (as NO ₃)	≤ 0.003%
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.001%
Barium (Ba)	Passes Test
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 3 ppm
Calcium (Ca)	≤ 0.002%
Magnesium (Mg)	≤ 0.001%
Sodium (Na)	≤ 0.005%
Insoluble Matter	≤ 0.005%

Potassium Chloride

Laboratory Grade Crystal

KCl F.W. 74.55 CAS# 7447-40-7

Item No.	Pkg Type	Case
P3555-100G	Clear Plastic	12
P3555-500G	Clear Plastic	12
P3555-2.5KG	Clear Plastic	4
P3555-12KG	White Pail	

DOT: Not Regulated

Potassium Chloride Conductivity Stds

See Conductivity Standards

Potassium Chloride

0.1 Molar Aqueous Solution

Molarity = 0.0991 - 0.1009 @20°C

Item No.	Pkg Type	Case
6955-500ML	Clear Plastic	6
6955-1L	Clear Plastic	6
6955-20LHP	Clear Plastic	

DOT: Not Regulated

Potassium Chloride

0.2 Molar Solution

Item No.	Pkg Type	Case
SPE546 (1 L)	Amber Glass	

DOT: Not Regulated

Potassium Chloride

0.3 Molar NIST Traceable Solution

Molarity = 0.2995 - 0.3005 @20°C

Item No.	Pkg Type	Case
6985-4L	Clear Plastic	

DOT: Not Regulated

Potassium Chloride

1.0 Molar (Normal) Solution

Item No.	Pkg Type	Case
6965-100ML	Clear Plastic	
6965-250ML	Clear Plastic	
6965-500ML	Clear Plastic	
6965-1L	Clear Plastic	6
6965-4L	Clear Plastic	4

DOT: Not Regulated

Potassium Chloride 3 Molar Aqueous Solution

Item No.	Pkg Type	Case
6959-60ML	Clear Plastic Dropper	
6959-100ML	Clear Plastic	
6959-250ML	Clear Plastic	
6959-500ML	Clear Plastic	
6959-1L	Clear Plastic	
6959-4LC	Cubitainer®	
6959-10L	Cubitainer®	

DOT: Not Regulated

Potassium Chloride 3 Molar Saturated w/AgCl Solution

For Calomel Electrodes

Item No.	Pkg Type	Case
6961-500ML	Clear Plastic	
6961-1L	Clear Plastic	

DOT: Not Regulated

Potassium Chloride 3.3 Molar Aqueous Solution

Item No.	Pkg Type	Case
6953-500ML	Clear Plastic	
6953-1L	Clear Plastic	
6953-4L	Clear Plastic	

DOT: Not Regulated

Potassium Chloride 3.5 Molar Aqueous Solution

Item No.	Pkg Type	Case
6987-500ML	Clear Plastic	

DOT: Not Regulated

Potassium Chloride 4 Molar Aqueous Solution

Item No.	Pkg Type	Case
6962-100ML	Clear Plastic	
6962-500ML	Clear Plastic	
6962-1L	Clear Plastic	

DOT: Not Regulated

Potassium Chloride 4 Molar, Saturated w/AgCl Solution

For Calomel Electrodes

Item No.	Pkg Type	Case
6960-100ML	Clear Plastic	
6960-250ML	Clear Plastic	
6960-500ML	Clear Plastic	
6960-1L	Clear Plastic	
6960-4L	Clear Plastic	4
6960-20L	Cubitainer®	

DOT: Not Regulated

Potassium Chloride 4M See Calcium ISA Buffer

Potassium Chloride Saturated Aqueous Solution

Item No.	Pkg Type	Case
6940-100ML	Clear Plastic	12
6940-500ML	Clear Plastic	6
6940-1L	Clear Plastic	6
6940-4L	Clear Plastic	
6940-20L	Cubitainer®	

DOT: Not Regulated

Reference Solution A ASTM D1125 111,342 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6975-500ML	Amber Glass	
6975-1L	Amber Glass	

Reference Solution B ASTM D1125 12,856 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6976-500ML	Amber Glass	
6976-1L	Amber Glass	

Reference Solution C ASTM D1125 1408.8 umhos @ 25°C NIST Traceable

Item No.	Pkg Type	Case
6970-500ML	Amber Glass	
6970-1L	Amber Glass	
6970-4L	Amber Glass	

Reference Solution D ASTM D1125 146.9 umhos @25°C NIST Traceable

Item No.	Pkg Type	Case
6977-500ML	Amber Glass	
6977-1L	Amber Glass	

Potassium Chromate Reagent ACS Grade Crystal

K_2CrO_4 F.W. 194.2 CAS# 7789-00-6

Item No.	Pkg Type	Case
P3612-125G	Amber Glass	
P3612-500G	Clear Plastic	
P3612-2.5KG	Clear Plastic	



DOT: UN3288 Toxic Solid Inorganic, n.o.s. (Potassium Chromate), 6.1, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.0% K_2CrO_4
pH of a 5% solution at 25° C	8.6-9.8 @25°C
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.005%
Sulfate (SO_4)	≤ 0.03%
Calcium (Ca)	≤ 0.005%
Sodium (Na)	≤ 0.02%

Potassium Chromate 5% w/v Indicator Solution

APHA for Chloride

Item No.	Pkg Type	Case
7020-100ML	Amber Plastic	12
7020-N0125	Amber Plastic	
7020-250ML	Amber Plastic	
7020-250MLFT	Amber Plastic	
7020-500ML	Amber Plastic	6
7020-500MLFT	Amber Plastic	
7020-1L	Amber Plastic	6
7020-1LFT	Amber Plastic	
7020-4L	Amber Plastic	4
7020-20L	Cubitainer®	



DOT: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Potassium Chromate), 9, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.



Potassium Chromate 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
7025-100ML	Clear Plastic	12
7025-250ML	Clear Plastic	
7025-500ML	Clear Plastic	6
7025-1L	Clear Plastic	6



DOT: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Potassium Chromate), 9, III

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Potassium Chromate 63% w/v Aqueous Solution (Saturated)

APHA for Salinity

Item No.	Pkg Type	Case
7040-500ML	Amber Plastic	
7040-1L	Amber Glass	6



DOT: UN 3287 Toxic liquids, inorganic n.o.s. (Potassium Chromate), 6.1, III

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Potassium Citrate Monohydrate Laboratory Grade

$K_3C_6H_5O_7 \cdot H_2O$ F.W. 324.41 CAS# 6100-05-6

Item No.	Pkg Type	Case
P3681-500G	Clear Plastic	12
P3681-2.5KG	Clear Plastic	4



DOT: Not Regulated

Potassium Cyanide Reagent ACS Grade

KCN F.W. 65.12 CAS# 151-50-8

Item No.	Pkg Type	Case
P3696-100G	Amber Glass	



DOT: UN 1680 Potassium cyanide, solid, 6.1, I

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 96.0%
Phosphate (PO_4)	≤ 0.005%
Sulfate (SO_4)	≤ 0.04%
Sulfide (S)	≤ 0.003%
Thiocyanate (SCN)	Passes test
Iron, total (as Fe)	≤ 0.03%
Lead (Pb)	≤ 2 ppm
Sodium (Na)	≤ 0.5%
Chloride (Cl)	≤ 0.5%

Potassium Cyanide 10% w/v Solution

Item No.	Pkg Type	Case
7060-500ML	Clear Plastic	
7060-1L	Clear Plastic	



DOT: UN 1935 Cyanide solutions, n.o.s. (Potassium Cyanide), 6.1, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Potassium Dichromate Reagent ACS Grade Crystal

$K_2Cr_2O_7$ F.W. 294.19 CAS# 7778-50-9

Item No.	Pkg Type	Case
P3785-125G	Clear Plastic	12
P3785-500G	Clear Plastic	12
P3785-2.5KG	Clear Plastic	4
P3785-12KG	White Pail	



DOT: UN 3086 Toxic solids, oxidizing, n.o.s. (Potassium Dichromate), 6.1(5.1), II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.0% $K_2Cr_2O_7$
Insoluble matter	≤ 0.005%
Loss on drying	≤ 0.05%
Iron (Fe)	≤ 0.001%
Chloride (Cl)	≤ 0.001%
Sulfate (SO_4)	≤ 0.005%
Calcium (Ca)	≤ 0.003%
Sodium (Na)	≤ 0.02%

Potassium Dichromate Laboratory Grade Granular

$K_2Cr_2O_7$ F.W. 294.19 CAS# 7778-50-9

Item No.	Pkg Type	Case
P3791-100G	Clear Plastic	12
P3791-500G	Clear Plastic	12
P3791-2.5KG	Clear Plastic	4
P3791-12KG	White Pail	



DOT: UN 3086 Toxic solids, oxidizing, n.o.s. (Potassium Dichromate), 6.1(5.1), II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Potassium Dichromate TS Prepared to USP42/NF37

Item No.	Pkg Type	Case
7063-500ML	Clear Plastic	6



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Potassium Dichromate), 6.1, II

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Potassium Dichromate 5% w/v Solution

Item No.	Pkg Type	Case
SPE548A (500 ML)	Coated Glass	
SPE548 (1 L)	Clear Plastic	



DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Potassium Dichromate 0.01 Normal NIST Traceable Solution

Normality = 0.0097 - 0.0103 @20°C

Item No.	Pkg Type	Case
7068-500ML	Clear Plastic	
7068-1L	Clear Plastic	6
7068-4L	Clear Plastic	4

DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Potassium Dichromate 0.025 Normal NIST Traceable Solution

Normality = 0.0247 - 0.0253 @20°C

Item No.	Pkg Type	Case
7070-100ML	Clear Plastic	12
7070-500ML	Clear Plastic	6
7070-1L	Clear Plastic	6
7070-4L	Clear Plastic	4



DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Potassium Dichromate 0.045 Normal NIST Traceable Solution

Normality = 0.0446 - 0.0454 @20°C

Item No.	Pkg Type	Case
7073-1L	Clear Plastic	



DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Potassium Dichromate 0.05 Normal NIST Traceable Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
7075-1L	Clear Plastic	6
7075-4L	Clear Plastic	4
7075-10L	Cubitainer®	



DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Potassium Dichromate 0.06 Normal Certified Solution

Normality = 0.0595 - 0.0605 @20°C

Item No.	Pkg Type	Case
7076-4LG	Amber Glass	
7076-10L	Cubitainer®	



DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Potassium Dichromate 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7080-100ML	Clear Plastic	12
7080-500ML	Clear Plastic	6
7080-1L	Clear Plastic	6
7080-4L	Clear Plastic	4
7080-4LC	Cubitainer®	4
7080-10L	Cubitainer®	
7080-20L	Cubitainer®	



DOT: Not Regulated

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Potassium Dichromate 0.2 Normal NIST Traceable Solution

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
7090-1L	Clear Plastic	
7090-4L	Clear Plastic	



DOT: UN 3287 Toxic liquid, inorganic, n.o.s.
(Potassium Dichromate), 6.1, III

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Potassium Dichromate 0.25 Normal NIST Traceable Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
7100-500ML	Clear Plastic	
7100-1L	Clear Plastic	
7100-4L	Clear Plastic	



DOT: UN 3287 Toxic liquid, inorganic, n.o.s.
(Potassium Dichromate), 6.1, III

 **WARNING: Cancer and Reproductive Harm -**
www.P65Warnings.ca.gov.

Potassium Ferricyanide Reagent ACS Grade Crystal

$K_3Fe(CN)_6$ F.W. 329.26 CAS# 13746-66-2

Item No.	Pkg Type	Case
P3810-125G	Clear Plastic	12
P3810-500G	Clear Plastic	12
P3810-2.5KG	Clear Plastic	

DOT: Not Regulated

Specifications

Assay ($K_3Fe(CN)_6$)	≥ 99.0%
Chloride (Cl)	≤ 0.01%
Sulfate (SO_4)	≤ 0.01%
Ferro Compounds as ferrocyanide	≤ 0.05%
	radical $[Fe(CN)_6]^{4-}$
Insoluble matter	≤ 0.005%

Potassium Ferricyanide Laboratory Grade

$K_3Fe(CN)_6$ F.W. 329.26 CAS# 13746-66-2

Item No.	Pkg Type	Case
P3808-100G	Clear Plastic	12
P3808-500G	Clear Plastic	12
P3808-2.5KG	Clear Plastic	

DOT: Not Regulated

Potassium Ferricyanide 10% w/v Aqueous Solution

3 month expiration

Item No.	Pkg Type	Case
7117-500ML	Clear Plastic	

DOT: Not Regulated



Potassium Ferrocyanide Reagent ACS Grade Crystal

$K_4Fe(CN)_6 \cdot 3H_2O$ F.W. 422.39 CAS# 14459-95-1

Item No.	Pkg Type	Case
P3843-125G	Clear Plastic	
P3843-500G	Clear Plastic	
P3843-2.5KG	Clear Plastic	4

DOT: Not Regulated

Specifications

Assay ($K_4Fe(CN)_6 \cdot 3H_2O$)	98.5%-102.0%
Insoluble Matter	$\leq 0.005\%$
Chloride (Cl)	$\leq 0.01\%$
Sulfate (SO_4)	Passes test

Potassium Fluoride Anhydrous Laboratory Grade Powder

KF F.W. 58.1 CAS# 7789-23-3

Item No.	Pkg Type	Case
P3901-500G	Clear Plastic	12
P3901-2.5KG	White Pail	4
P3901-12KG	White Pail	



DOT: UN 1812 Potassium fluoride, solid (Potassium Fluoride Anhydrous), 6.1, III

Potassium Fluoride 40% w/v Aqueous Solution

Item No.	Pkg Type	Case
7120-500ML	Clear Plastic	
7120-1L	Clear Plastic	
7120-4L	Clear Plastic	4
7120-10L	Cubitainer®	
7120-20L	Cubitainer®	



DOT: UN 3422 Potassium fluoride solution, 6.1, III

Potassium Fluoride 50% w/v Aqueous Solution as KF Dihydrate

Item No.	Pkg Type	Case
7130-500ML	Clear Plastic	12
7130-1L	Clear Plastic	6
7130-4L	Clear Plastic	4
7130-10L	Cubitainer®	



DOT: UN 3422 Potassium fluoride solution, 6.1, III

Potassium Fluoride 50% w/w Aqueous Solution

Item No.	Pkg Type	Case
7135-1L	Clear Plastic	
7135-4L	Clear Plastic	4
7135-20L	Cubitainer®	



DOT: UN 3422 Potassium fluoride solution, 6.1, III

Potassium Hydrogen Phthalate Reagent ACS Grade

1-KOOC C_6H_4 -2-COOH F.W. 204.23 CAS# 877-24-7

Item No.	Pkg Type	Case
P4000-125G	Clear Plastic	12
P4000-500G	Clear Plastic	12
P4000-2.5KG	Clear Plastic	4
P4000-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay (dried basis) $C_8H_5O_4K$	99.95-100.05%
pH of a 0.05 m solution at $25 \pm 0.2^\circ C$	4.00-4.02
Chlorine compounds (as Cl)	$\leq 0.003\%$
Sulfur compounds (as S)	$\leq 0.002\%$
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Sodium (Na)	$\leq 0.005\%$
Insoluble matter	$\leq 0.005\%$

Potassium Hydrogen Phthalate Primary Standard Grade

1-KOOC C_6H_4 -2-COOH F.W. 204.23 CAS# 877-24-7

Item No.	Pkg Type	Case
P4001-100G	Amber Glass	

DOT: Not Regulated

Potassium Hydrogen Phthalate 0.05 Normal Aqueous Solution

Item No.	Pkg Type	Case
6880-500ML	Clear Plastic	
6880-1L	Clear Plastic	

DOT: Not Regulated

Potassium Hydrogen Phthalate 0.100 Normal, NIST Traceable Solution

Item No.	Pkg Type	Case
SPX358 (1 L)	Amber Glass	

DOT: Not Regulated

Potassium Hydroxide Reagent ACS Grade Pellets

KOH F.W. 56.11 CAS# 1310-58-3

Item No.	Pkg Type	Case
P4500-125G	Clear Plastic	12
P4500-500G	Clear Plastic	12
P4500-1KG	Clear Plastic	6
P4500-2.5KG	Clear Plastic	4
P4500-12KG	White Pail	



DOT: UN 1813 Potassium hydroxide, solid, 8, II

Specifications

Assay	$\geq 85.0\%$ KOH
Chloride (Cl)	$\leq 0.01\%$
Nitrogen Compounds(as N)	$\leq 0.001\%$
Phosphate (PO_4)	≤ 5 ppm
Sulfate (SO_4)	$\leq 0.003\%$
Heavy Metals (as Ag)	$\leq 0.001\%$
Iron (Fe)	$\leq 0.001\%$
Nickel(Ni)	$\leq 0.001\%$
Calcium (Ca)	$\leq 0.005\%$
Magnesium (Mg)	$\leq 0.002\%$
Sodium (Na)	$\leq 0.05\%$
Potassium Carbonate(K_2CO_3)	$\leq 2.0\%$

Potassium Hydroxide Laboratory Grade Pellets

KOH F.W. 56.11 CAS# 1310-58-3

Item No.	Pkg Type	Case
P4505-100G	Clear Plastic	12
P4505-500G	Clear Plastic	12
P4505-2.5KG	Clear Plastic	4
P4505-12KG	White Pail	



DOT: UN 1813 Potassium hydroxide, solid, 8, II

Potassium Hydroxide Technical Grade Flake

KOH F.W. 56.11 CAS# 1310-58-3

Item No.	Pkg Type	Case
P4540-500G	Clear Plastic	12
P4540-2.5KG	Clear Plastic	4
P4540-12KG	White Pail	



DOT: UN 1813 Potassium hydroxide, solid, 8, II

Potassium Hydroxide 0.001 Normal in Methanol NIST Traceable

Item No.	Pkg Type	Case
7246-1L	Clear Plastic	
		
DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov		

Potassium Hydroxide 0.005 Normal in Methanol NIST Traceable

Item No.	Pkg Type	Case
7262-1L	Clear Plastic	6
7262-1LG	Amber Glass	6
7262-4L	Clear Plastic	
		
DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov		

Potassium Hydroxide 0.01 Normal NIST Traceable Solution

Item No.	Pkg Type	Case
7152-1L	Clear Plastic	6
7152-4L	Clear Plastic	4
DOT: Not Regulated		

Potassium Hydroxide 0.01 Normal in IPA, NIST Traceable ASTM D974

Item No.	Pkg Type	Case
7235-250ML	Amber Glass	12
7235-500ML	Amber Glass	6
7235-1L	Amber Glass	6
7235-4L	Amber Glass	4
7235-4LC	Cubitainer®	
7235-10L	Cubitainer®	
7235-20L	Cubitainer®	
		
DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II		

Potassium Hydroxide 0.01 Normal in Methanol, NIST Traceable

Item No.	Pkg Type	Case
7237-500ML	Clear Plastic	6
7237-1L	Clear Plastic	6
7237-4L	Clear Plastic	4
7237-4LC	Cubitainer®	4
		
DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov		

Potassium Hydroxide 0.02 Normal NIST Traceable Solution

Item No.	Pkg Type	Case
7231-1L	Clear Plastic	6
7231-1LAG	Amber Glass	
7231-4L	Clear Plastic	4
DOT: Not Regulated		

Potassium Hydroxide 0.02 Normal in IPA, NIST Traceable

Item No.	Pkg Type	Case
7236-1L	Clear Plastic	6
7236-4L	Clear Plastic	4
		
DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II		

Potassium Hydroxide 0.02 Normal in Methanol, NIST Traceable

Item No.	Pkg Type	Case
7239-1L	Clear Plastic	6
7239-4L	Clear Plastic	4
		
DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov		

Potassium Hydroxide 0.02 Normal in 3A Alcohol NIST Traceable

Item No.	Pkg Type	Case
7158-1L	Amber Glass	
		
DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov		

Potassium Hydroxide 0.05 Normal NIST Traceable Solution

Item No.	Pkg Type	Case
7238-1L	Clear Plastic	6
7238-4L	Clear Plastic	4
DOT: Not Regulated		

Potassium Hydroxide 0.05 Normal in IPA, NIST Traceable Solution

Item No.	Pkg Type	Case
7257-500ML	Clear Plastic	
7257-1L	Clear Plastic	6
7257-4L	Clear Plastic	4
		
DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II		

Potassium Hydroxide 0.05 Normal in Methanol, NIST Traceable

Item No.	Pkg Type	Case
7243-500ML	Clear Plastic	
7243-1L	Clear Plastic	6
7243-4L	Clear Plastic	4
7243-4LC	Cubitainer®	
		
DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov		



Potassium Hydroxide 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7160-500ML	Clear Plastic	6
7160-1L	Clear Plastic	6
7160-4L	Clear Plastic	4
7160-4LC	Cubitainer®	4
7160-20L	Cubitainer®	



DOT: Not Regulated

Potassium Hydroxide 0.1 Normal in IPA, NIST Traceable

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7241-250ML	Amber Glass	
7241-500ML	Amber Glass	6
7241-1L	Amber Glass	6
7241-4L	Amber Glass	4
7241-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Potassium Hydroxide 0.1 Normal in IPA, NIST Traceable (ASTM D974)

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7245-1L	Amber Glass	
7245-4L	Amber Glass	
7245-20LHP	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Potassium Hydroxide 0.1 Normal in Methanol NIST Traceable

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7240-500ML	Clear Plastic	6
7240-1L	Clear Plastic	6
7240-1LG	Amber Glass	
7240-4L	Clear Plastic	4
7240-4LC	Cubitainer®	4
7240-4LG	Amber Glass	
7240-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Potassium Hydroxide 0.1 Molar in Ethanol NIST Traceable

Molarity = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7248-1L	Clear Plastic	
7248-269	Amber Glass	
7248-4L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Potassium Hydroxide 0.2 Normal in IPA, NIST Traceable

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
7242-500ML	Clear Plastic	6
7242-1L	Clear Plastic	6
7242-4L	Clear Plastic	4



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Potassium Hydroxide 0.2 Normal in Methanol, NIST Traceable

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
7244-500ML	Clear Plastic	
7244-1L	Clear Plastic	
7244-4L	Clear Plastic	4



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Potassium Hydroxide 0.25 Normal NIST Traceable Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
7180-500ML	Clear Plastic	6
7180-1L	Clear Plastic	6
7180-4L	Clear Plastic	4
7180-20L	Cubitainer®	



DOT: Not Regulated

Potassium Hydroxide 0.5 Normal NIST Traceable Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
7200-500ML	Clear Plastic	6
7200-1L	Clear Plastic	6
7200-4L	Clear Plastic	4
7200-4LC	Cubitainer®	4
7200-10L	Cubitainer®	
7200-20L	Cubitainer®	
7200-200L	Poly Drum	



DOT: UN 1814 Potassium hydroxide, solution, 8, III

Potassium Hydroxide 0.5 Normal in IPA, NIST Traceable

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
7259-1L	Clear Plastic	6
7259-4L	Clear Plastic	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Isopropanol, Potassium Hydroxide), 3(8), II

Potassium Hydroxide 0.5 Normal in Methanol, NIST Traceable

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
7260-500ML	Clear Plastic	6
7260-1L	Clear Plastic	6
7260-4L	Clear Plastic	4
7260-4LC	Cubitainer®	
7260-20L	Cubitainer®	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s.
(Methanol, Potassium Hydroxide), 3(8), II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Potassium Hydroxide 0.5 Molar NIST Traceable in Ethanol ASTM D94

Molarity = 0.4980 - 0.5020 @20°C

Item No.	Pkg Type	Case
7261-1L	Clear Plastic	
7261-4L	Clear Plastic	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s.
(Ethanol, Methanol, Potassium Hydroxide), 3(8), II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Potassium Hydroxide 1.0 Normal NIST Traceable Solution

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
7220-500ML	Clear Plastic	6
7220-1L	Clear Plastic	6
7220-4L	Clear Plastic	4
7220-20L	Cubitainer®	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 1.0 Normal in Methanol, NIST Traceable

Normality = 0.9991 - 1.0009 @20°C

Item No.	Pkg Type	Case
7280-500ML	Clear Plastic	
7280-1L	Clear Plastic	6
7280-4L	Clear Plastic	4
7280-4LC	Cubitainer®	4
7280-10L	Cubitainer®	
7280-20L	Cubitainer®	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s.
(Methanol, Potassium Hydroxide), 3(8), II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Potassium Hydroxide 1.0 Normal in Propylene Glycol

Item No.	Pkg Type	Case
SPX368E (1 L)	Clear Plastic	
SPX368A (4 L)	Amber Glass	
SPX368 (200 L)	Metal Drum	



DOT: UN 1760 Corrosive liquids, n.o.s. (Potassium
Hydroxide), 8, II

Potassium Hydroxide 1.3 Normal NIST Traceable Solution

Normality = 1.2980 - 1.3020 @20°C

Item No.	Pkg Type	Case
SPX058 (1 L)	Clear Plastic	6
SPX058A (4 L)	Clear Plastic	4



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 2.0 Normal Aqueous Solution

Normality = 1.9991 - 2.0009 @20°C

Item No.	Pkg Type	Case
7286-4L	Clear Plastic	
7286-200L	Poly Drum	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 4 Molar Solution

Item No.	Pkg Type	Case
7281-500ML	Clear Plastic	6
7281-1L	Clear Plastic	6
7281-4L	Clear Plastic	4
7281-20L	Cubitainer®	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 4.65 Normal NIST Traceable Solution

Normality = 4.635 - 4.665 @20°C

Item No.	Pkg Type	Case
SPE949 (1 L)	Nalgene Bottle	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 5.0 Molar Aqueous Solution, Certified

Molarity = 4.950 - 5.050 @20°C

Item No.	Pkg Type	Case
7287-4L	Clear Plastic	4
7287-20L	Cubitainer®	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 6.0 Normal Aqueous Solution

Normality = 5.980 - 6.020 @20°C

Item No.	Pkg Type	Case
7289-1L	Clear Plastic	
7289-4L	Clear Plastic	4
7289-200L	Poly Drum	



DOT: UN 1814 Potassium hydroxide, solution, 8, II



Potassium Hydroxide 8.0 Normal Aqueous Solution

Normality = 7.950 - 8.050 @20°C

Item No.	Pkg Type	Case
7290-100ML	Clear Plastic	12
7290-500ML	Clear Plastic	6
7290-1L	Clear Plastic	6
7290-4L	Clear Plastic	4



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 10.0 Normal NIST Traceable Solution

Normality = 9.950 - 10.050 @20°C

Item No.	Pkg Type	Case
7291-4L	Clear Plastic	4
7291-30GAL	Poly Drum	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 5% w/v Solution (50 gpL)

Item No.	Pkg Type	Case
7139-500ML	Clear Plastic	6
7139-1L	Clear Plastic	6
7139-4LC	Cubitainer®	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 10% w/v Solution, Certified

Assay = 9.90 - 10.10% w/v

Item No.	Pkg Type	Case
7140-100ML	Clear Plastic	
7140-500ML	Clear Plastic	6
7140-1L	Clear Plastic	6
7140-4L	Clear Plastic	4
7140-10L	Cubitainer®	
7140-20L	Cubitainer®	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 10% w/v in Carbonyl Free Methanol

Item No.	Pkg Type	Case
7141-1L	Clear Plastic	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Methanol, Potassium Hydroxide), 3(8), II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Potassium Hydroxide 20% w/v Aqueous Solution, Certified

Assay = 19.80 - 20.20% w/v

Item No.	Pkg Type	Case
7145-100ML	Clear Plastic	
7145-250ML	Clear Plastic	
7145-500ML	Clear Plastic	
7145-1L	Clear Plastic	
7145-4L	Clear Plastic	
7145-200L	Poly Drum	
7145-250GAL	Poly Tote	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 30% w/v Aqueous Solution, Certified

Assay = 29.90 - 30.10% w/v

Item No.	Pkg Type	Case
7292-1L	Clear Plastic	6
7292-4L	Clear Plastic	4
7292-20L	Cubitainer®	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 40% w/v Aqueous Solution

Item No.	Pkg Type	Case
7283-500ML	Clear Plastic	6
7283-1L	Clear Plastic	6
7283-4L	Clear Plastic	4
7283-20L	Cubitainer®	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 45% w/w Aqueous Solution, Certified

Assay = 45.00 - 46.50% w/w

Item No.	Pkg Type	Case
7285-500ML	Clear Plastic	6
7285-1L	Clear Plastic	6
7285-4L	Clear Plastic	4
7285-4LC	Cubitainer®	4
7285-20L	Cubitainer®	
7285-200L	Poly Drum	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Hydroxide 50% w/v Aqueous Solution, Certified

Assay = 48.00 - 52.00% w/v

Item No.	Pkg Type	Case
7284-500ML	Clear Plastic	6
7284-1L	Clear Plastic	6
7284-4L	Clear Plastic	4
7284-20L	Cubitainer®	
7284-200L	Poly Drum	



DOT: UN 1814 Potassium hydroxide, solution, 8, II

Potassium Iodate Reagent ACS Grade Powder

KIO₃ F.W. 214 CAS# 7758-05-6

Item No.	Pkg Type	Case
P4597-30G	Amber Glass	12
P4597-125G	Amber Glass	
P4597-500G	Clear Plastic	
P4597-2.5KG	Clear Plastic	



DOT: UN 1479 Oxidizing solid, n.o.s. (Potassium Iodate), 5.1, III

Specifications

Assay	99.4 - 100.4% KIO ₃
pH of a 5% solution at 25°C	5.0 - 8.0
Insoluble matter	≤ 0.005%
Chloride and bromide (as Cl)	≤ 0.01%
Iodide (I)	≤ 0.001%
Nitrogen compounds (as N)	≤ 0.005%
Sulfate (SO ₄)	≤ 0.005%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%
Sodium (Na)	≤ 0.005%

Potassium Iodate 0.005 Normal Solution NIST Traceable

Normality = 0.0048 - 0.0052 @20°C

Item No.	Pkg Type	Case
7310-500ML	Amber Plastic	
7310-1L	Amber Plastic	
7310-1LG	Amber Glass	
7310-4L	Amber Plastic	

DOT: Not Regulated

Potassium Iodate 0.0158 Normal NIST Traceable Solution

Normality = 0.0156 - 0.0160 @20°C

Item No.	Pkg Type	Case
7315-500ML	Amber Plastic	
7315-1L	Amber Plastic	
7315-4LC	Cubitainer®	

DOT: Not Regulated

Potassium Iodate 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
7298-500ML	Amber Plastic	6
7298-1L	Amber Plastic	6
7298-4L	Amber Plastic	

DOT: Not Regulated

Potassium Iodate 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7320-500ML	Amber Plastic	6
7320-1L	Amber Plastic	6
7320-4L	Amber Plastic	4
7320-20L	Cubitainer®	

DOT: Not Regulated

Potassium Iodate 0.125 Normal NIST Traceable Solution

Normality = 0.1245 - 0.1255 @20°C

Item No.	Pkg Type	Case
7403-500ML	Amber Plastic	
7403-1L	Amber Plastic	
7403-4L	Amber Plastic	4
7403-20L	Cubitainer®	

DOT: Not Regulated

Potassium Iodate-Iodide See Potassium Iodide-Iodate Solutions

Potassium Iodide Reagent ACS Grade Crystal

KI F.W. 166.01 CAS# 7681-11-0

Item No.	Pkg Type	Case
P4716-125G	Clear Plastic	12
P4716-250G	Clear Plastic	
P4716-500G	Clear Plastic	12
P4716-2.5KG	Clear Plastic	4
P4716-12KG	White Pail	
P4716-100LB	Fiber Drum	



DOT: Not Regulated

Specifications

Assay (KI)	≥ 99.0%
pH of 5% Solution	6.0 - 9.2
Insoluble Matter	≤ 0.005%
Loss on Drying @ 150°C	≤ 0.2%
Chloride and bromide (as Cl)	≤ 0.01%
Iodate (IO ₃)	≤ 3 ppm
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.005%
Barium(Ba)	≤ 0.002%
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 3 ppm
Calcium (Ca)	≤ 0.002%
Magnesium (Mg)	≤ 0.001%
Sodium (Na)	≤ 0.005%

Potassium Iodide Laboratory Grade Granular

KI F.W. 166.01 CAS# 7681-11-0

Item No.	Pkg Type	Case
P4728-25G	Clear Plastic	12
P4728-100G	Clear Plastic	12
P4728-500G	Clear Plastic	12
P4728-2.5KG	Clear Plastic	4
P4728-12KG	White Pail	



DOT: Not Regulated

Potassium Iodide 2% w/v Aqueous Solution

Item No.	Pkg Type	Case
7360-500ML	Amber Plastic	6
7360-1L	Amber Plastic	6
7360-4L	Amber Plastic	4
7360-4LC	Amber Plastic	
7360-20L	Cubitainer®	



DOT: Not Regulated

Potassium Iodide 3% w/v Aqueous Solution

Item No.	Pkg Type	Case
7365-60ML	Clear Plastic Dropper	
7365-500ML	Amber Plastic	
7365-1L	Amber Plastic	
7365-4LC	Cubitainer®	



DOT: Not Regulated

Potassium Iodide 5% w/v Aqueous Solution

Item No.	Pkg Type	Case
7380-500ML	Amber Plastic	6
7380-1L	Amber Plastic	6
7380-4L	Amber Plastic	4
7380-4LC	Cubitainer®	
7380-10L	Cubitainer®	
7380-20L	Cubitainer®	



DOT: Not Regulated

Potassium Iodide 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
7400-100ML	Amber Plastic	
7400-500ML	Amber Plastic	6
7400-1L	Amber Plastic	6
7400-1LG	Amber Glass	
7400-4L	Amber Plastic	4
7400-4LC	Cubitainer®	4
7400-10L	Cubitainer®	
7400-20L	Cubitainer®	



DOT: Not Regulated



Potassium Iodide 15% w/v Solution ASTM D5776

Prepared to ASTM D5776

Item No.	Pkg Type	Case
7402-500ML	Amber Plastic	
7402-1L	Amber Plastic	6
7402-4L	Amber Plastic	4
7402-10L	Cubitainer®	
7402-20L	Cubitainer®	



DOT: Not Regulated

Potassium Iodide 20% w/v Aqueous Solution

Item No.	Pkg Type	Case
7401-500ML	Amber Plastic	6
7401-1L	Amber Plastic	6
7401-4L	Amber Plastic	4
7401-10L	Cubitainer®	
7401-20L	Cubitainer®	



DOT: Not Regulated

Potassium Iodide 25% w/v Aqueous Solution

Item No.	Pkg Type	Case
7406-500ML	Amber Plastic	6
7406-1L	Amber Plastic	6
7406-4L	Amber Plastic	4



DOT: Not Regulated

Potassium Iodide 300 g/L Aqueous Solution

Prepared to ASTM E200

Item No.	Pkg Type	Case
7407-500ML	Amber Plastic	6
7407-1L	Amber Plastic	6
7407-4L	Amber Plastic	



DOT: Not Regulated

Potassium Iodide 50% w/v Solution

Item No.	Pkg Type	Case
7385-1L	Amber Plastic	



DOT: Not Regulated

Potassium Iodide Saturated Aqueous Solution

Item No.	Pkg Type	Case
7408-1L	Amber Glass	



DOT: Not Regulated

Potassium Iodide 0.1 Molar Aqueous Solution ASTM D3227

Prepared to ASTM D3227

Item No.	Pkg Type	Case
7355-500ML	Amber Plastic	
7355-1L	Amber Plastic	



DOT: Not Regulated

Potassium Iodide 1.0 Normal Aqueous Solution

Item No.	Pkg Type	Case
7405-1L	Amber Plastic	6
7405-4L	Amber Plastic	4
7405-4LG	Amber Glass	
7405-20L	Cubitainer®	



DOT: Not Regulated

Potassium Iodide-Iodate 0.0125 Normal NIST Traceable Solution

Normality = 0.0120 - 0.0130 @20°C

Item No.	Pkg Type	Case
7340-500ML	Amber Plastic	6
7340-1L	Amber Plastic	6
7340-1LG	Amber Glass	
7340-4L	Amber Plastic	4
7340-4LC	Cubitainer®	
7340-4LG	Amber Glass	
7340-10L	Cubitainer®	
7340-20L	Cubitainer®	

DOT: Not Regulated

Potassium Iodide-Iodate 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
7330-500ML	Amber Plastic	12
7330-1L	Amber Plastic	6
7330-4L	Amber Plastic	4
7330-20L	Cubitainer®	

DOT: Not Regulated

Potassium Iodide-Iodate 0.0394 Normal NIST Traceable Solution

Normality = 0.03920 - 0.03960 @20°C

Item No.	Pkg Type	Case
7334-1L	Amber Plastic	
7334-4L	Amber Plastic	



Potassium Iodide-Iodate 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7350-1L	Amber Plastic	6
7350-4L	Amber Plastic	4
7350-20L	Cubitainer®	



DOT: Not Regulated

Potassium Metabisulfite Reagent Grade Granular

K₂S₂O₅ **F.W. 222.32** **CAS# 16731-55-8**

Item No.	Pkg Type	Case
P4938-500G	Clear Plastic	12
P4938-2.5KG	Clear Plastic	4



DOT: Not Regulated

Specifications

Assay	≥ 96%
Equivalent SO ₂ Value	Approx. 54%
Insoluble matter	≤ 0.003%
Chloride (Cl)	≤ 0.005%
Arsenic (As)	≤ 1 ppm
Heavy metals (as Pb)	≤ 0.0008%
Iron (Fe)	≤ 0.0005%

Potassium Nitrate Reagent ACS Grade Crystal

KNO₃ **F.W. 101.11** **CAS# 7757-79-1**

Item No.	Pkg Type	Case
P5252-125G	Clear Plastic	12
P5252-500G	Clear Plastic	12
P5252-2.5KG	Clear Plastic	4
P5252-12KG	White Pail	



DOT: UN 1486 Potassium nitrate, 5.1, III

Specifications

Assay	≥ 99.0% KNO ₃
pH of a 5% solution at 25° C	4.5 - 8.5
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.002%
Iodate (IO ₃)	≤ 5 ppm
Nitrite (NO ₂)	≤ 0.001%
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	0.003%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 3 ppm
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.002%
Sodium (Na)	≤ 0.005%

Potassium Nitrate Technical Grade Granular

KNO₃ **F.W. 101.11** **CAS# 7757-79-1**

Item No.	Pkg Type	Case
P5271-100G	Clear Plastic	12
P5271-500G	Clear Plastic	12
P5271-2.5KG	Clear Plastic	4
P5271-12KG	White Pail	



DOT: UN 1486 Potassium nitrate, 5.1, III

Potassium Nitrate 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
7415-500ML	Amber Plastic	6
7415-1L	Amber Plastic	6



DOT: Not Regulated

Potassium Nitrate 1.0 Molar Solution

Item No.	Pkg Type	Case
7410-100ML	Amber Plastic	
7410-250ML	Amber Plastic	
7410-500ML	Amber Plastic	
7410-1L	Amber Plastic	



DOT: Not Regulated

Potassium Nitrate 2.0 Molar Solution

Item No.	Pkg Type	Case
7411-100ML	Amber Plastic	
7411-250ML	Amber Plastic	
7411-500ML	Amber Plastic	
7411-10L	Cubitainer®	



DOT: UN 1486 Potassium nitrate solution, 5.1, III

Potassium Nitrate 3.0 Molar Solution

Item No.	Pkg Type	Case
7412-100ML	Amber Plastic	



DOT: UN 1486 Potassium nitrate solution, 5.1, III

Potassium Nitrate Saturated Solution ASTM D2384

Prepared to ASTM D2384

Item No.	Pkg Type	Case
7414-250ML	Amber Plastic	
7414-500ML	Amber Plastic	
7414-1L	Amber Plastic	



DOT: UN 1486 Potassium nitrate solution, 5.1, III

Potassium Oxalate Monohydrate Reagent ACS Grade Crystal

KOCOOK•H₂O **F.W. 184.24** **CAS# 6487-48-5**

Item No.	Pkg Type	Case
P5311-125G	Clear Plastic	
P5311-500G	Clear Plastic	12
P5311-2.5KG	Clear Plastic	4
P5311-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (K ₂ C ₂ O ₄ •H ₂ O)	98.5-101.0%
Substances darkened by hot sulfuric acid	Passes test
Neutrality	Passes test
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.002%
Sulfate (SO ₄)	≤ 0.01%
Ammonium (NH ₄)	≤ 0.002%
Heavy metals (as Pb)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Sodium (Na)	≤ 0.02%



Potassium Permanganate Reagent ACS Grade Crystal

KMnO₄ F.W. 158.04 CAS# 7722-64-7

Item No.	Pkg Type	Case
P5450-125G	Amber Glass	12
P5450-500G	Amber Glass	12
P5450-2.5KG	Clear Plastic	4
P5450-12KG	White Pail	



DOT: UN 1490 Potassium permanganate, 5.1, II

Specifications

Assay (KMnO ₄)	≥ 99.0%
Insoluble Matter	≤ 0.2%
Chloride and Chlorate (as Cl)	≤ 0.005%
Sulfate(SO ₄)	≤ 0.02%

Potassium Permanganate Laboratory Grade Crystal

KMnO₄ F.W. 158.04 CAS# 7722-64-7

Item No.	Pkg Type	Case
P5444-100G	Amber Glass	12
P5444-500G	Amber Glass	12
P5444-2.5KG	Clear Plastic	4
P5444-12KG	White Pail	



DOT: UN 1490 Potassium permanganate, 5.1, II

Potassium Permanganate 891 mg/L Solution APHA For Residual Chlorine

APHA for Residual Chlorine

Item No.	Pkg Type	Case
7416-1L	Amber Glass	

DOT: Not Regulated

Potassium Permanganate 89.1 mg/L Solution APHA For Residual Chlorine

APHA for Residual Chlorine

Item No.	Pkg Type	Case
7417-1L	Amber Glass	

DOT: Not Regulated

Potassium Permanganate 0.2 gpl Solution

Prepared to ASTM D1363

Item No.	Pkg Type	Case
7422-500ML	Amber Glass	6
7422-1L	Amber Glass	6

DOT: Not Regulated

Potassium Permanganate 5% w/v Aqueous Solution APHA for Mercury

Assay = 4.90 - 5.10% w/v (APHA for Mercury)

Item No.	Pkg Type	Case
7420-500ML	Amber Glass	6
7420-1L	Amber Glass	6
7420-4L	Amber Glass	4
7420-10L	Cubitainer®	



DOT: Not Regulated

Potassium Permanganate 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
7430-500ML	Amber Glass	12
7430-1L	Amber Glass	6
7430-4L	Amber Glass	4

DOT: Not Regulated

Potassium Permanganate 0.0125 M (0.0625 Normal) NIST Traceable Solution

Molarity = 0.0120 - 0.0130 @20°C

Item No.	Pkg Type	Case
SPX289 (1 L)	Amber Glass	6



DOT: Not Regulated

Potassium Permanganate 0.02 Normal NIST Traceable Solution

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
7432-1L	Amber Glass	6

DOT: Not Regulated

Potassium Permanganate 0.05 Normal NIST Traceable Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
7435-500ML	Amber Glass	6
7435-1L	Amber Glass	6
7435-4L	Amber Glass	



DOT: Not Regulated

Potassium Permanganate 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7440-500ML	Amber Glass	6
7440-1L	Amber Glass	6
7440-4L	Amber Glass	4
7440-4L(CUBE)	Cubitainer®	4
7440-10L	Cubitainer®	
7440-20L	Cubitainer®	



DOT: Not Regulated

Potassium Permanganate 0.12 Normal NIST Traceable Solution

Normality = 0.1191 - 0.1209 @20°C

Item No.	Pkg Type	Case
SPX882 (500 ML)	Amber Glass	



DOT: Not Regulated

Potassium Permanganate 0.18 Normal NIST Traceable Solution

Normality = 0.1791 - 0.1809 @20°C

Item No.	Pkg Type	Case
ND230 (1 L)	Amber Glass	6



DOT: Not Regulated

Potassium Permanganate 0.2 Normal NIST Traceable Solution

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
7443-500ML	Amber Glass	
7443-1L	Amber Glass	6
7443-4L	Amber Glass	4



DOT: Not Regulated

Potassium Permanganate 0.25 Normal NIST Traceable Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
7445-500ML	Amber Glass	
7445-1L	Amber Glass	6
7445-4L	Amber Glass	4
7445-20L	Cubitainer®	



DOT: Not Regulated

Potassium Permanganate 0.5 Normal NIST Traceable Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
7450-500ML	Amber Glass	6
7450-1L	Amber Glass	6
7450-4L	Amber Glass	4
7450-10L	Cubitainer®	
7450-20L	Cubitainer®	



DOT: Not Regulated

Potassium Permanganate 1.0 Normal NIST Traceable Solution

Normality = 0.9980 - 1.0020 @20°C

Item No.	Pkg Type	Case
7460-500ML	Amber Glass	6
7460-1L	Amber Glass	6
7460-4L	Amber Glass	4



DOT: Not Regulated

Potassium Persulfate Reagent ACS Grade

$K_2S_2O_8$ F.W. 270.32 CAS# 7727-21-1

Item No.	Pkg Type	Case
P5518-125G	Clear Plastic	12
P5518-500G	Clear Plastic	12
P5518-2.5KG	Clear Plastic	



DOT: UN 1492 Potassium persulfate, 5.1, III

Specifications

Assay	≥ 99.0% $K_2S_2O_8$
Insoluble matter	≤ 0.005%
Chlorine compounds (as Cl)	≤ 0.001%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 5 ppm
Manganese (Mn)	≤ 2 ppm

Potassium Persulfate Laboratory Grade

$K_2S_2O_8$ F.W. 270.32 CAS# 7727-21-1

Item No.	Pkg Type	Case
P5515-500G	Clear Plastic	
P5515-2.5KG	Clear Plastic	4



DOT: UN 1492 Potassium persulfate, 5.1, III

Potassium Persulfate 5.0% w/v Solution

APHA for Mercury

Item No.	Pkg Type	Case
7480-500ML	Clear Plastic	
7480-1L	Clear Plastic	
7480-4L	Clear Plastic	



DOT: Not Regulated

Potassium Persulfate 0.1 Normal Solution

Item No.	Pkg Type	Case
7481-500ML	Clear Plastic	



DOT: Not Regulated

Potassium Phosphate Dibasic Anhydrous Reagent ACS Grade

K_2HPO_4 F.W. 174.18 CAS# 7758-11-4

Item No.	Pkg Type	Case
P5667-125G	Clear Plastic	
P5667-500G	Clear Plastic	12
P5667-2.5KG	Clear Plastic	4
P5667-50KG	Poly Lined Bag	

DOT: Not Regulated

Specifications

Assay	≥ 98.0% K_2HPO_4
pH of a 5% solution at 25°C	8.5 - 9.6
Insoluble matter	≤ 0.01%
Loss on drying at 105°C	≤ 1.0%
Chloride (Cl)	≤ 0.003%
Nitrogen compounds (as N)	≤ 0.001%
Sulfate (SO_4)	≤ 0.005%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%
Sodium (Na)	≤ 0.05%

Potassium Phosphate Dibasic Anhydrous Laboratory Grade Granular

K_2HPO_4 F.W. 174.18 CAS# 7758-11-4

Item No.	Pkg Type	Case
P5668-500G	Clear Plastic	
P5668-2.5KG	Clear Plastic	

DOT: Not Regulated

Potassium Phosphate Monobasic Reagent ACS Grade

KH_2PO_4 F.W. 136.0855 CAS# 7778-77-0

Item No.	Pkg Type	Case
P5600-125G	Clear Plastic	12
P5600-500G	Clear Plastic	12
P5600-2.5KG	Clear Plastic	4
P5600-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay	≥ 99.0% KH_2PO_4
pH of a 5% solution at 25° C	4.1-4.5
Insoluble matter	≤ 0.01%
Loss on drying @105°C	≤ 0.2%
Chloride (Cl)	≤ 0.001%
Sulfate (SO_4)	≤ 0.003%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.002%
Sodium (Na)	≤ 0.005%



Potassium Phosphate Monobasic Laboratory Grade

KH_2PO_4 F.W. 136.0855 CAS# 7778-77-0

Item No.	Pkg Type	Case
P5603-500G	Clear Plastic	
P5603-2.5KG	Clear Plastic	
P5603-12KG	White Pail	

DOT: Not Regulated

Potassium Phosphate Tribasic Anhydrous Reagent ACS Grade

K_3PO_4 F.W. 212.27 CAS# 7778-53-2

Item No.	Pkg Type	Case
P5707-125G	Clear Plastic	



DOT: Not Regulated

Specifications

Assay (K_3PO_4)	≥ 98%
Dibasic Potassium Phosphate	≤ 1%
Excess alkali (as KOH)	≤ 1%
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Sulfate (SO_4)	≤ 0.005%
Sodium (Na)	≤ 0.1%

Potassium Phosphate Tribasic 20% w/w Solution

Item No.	Pkg Type	Case
SPX394 (200 KG)	Poly Drum	



DOT: Not Regulated

Potassium Polyacrylate Laboratory Grade

$\text{C}_6\text{H}_7\text{KO}_4$ F.W. 182.22 CAS# 25608-12-2

Item No.	Pkg Type	Case
P5729-500G	Clear Plastic	
P5729-2.5KG	Clear Plastic	
P5729-12KG	White Pail	

DOT: Not Regulated

Potassium Sodium Tartrate Reagent ACS Grade Crystal

$\text{KNaC}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$ F.W. 282.22 CAS# 6381-59-5

Item No.	Pkg Type	Case
P6315-125G	Clear Plastic	12
P6315-500G	Clear Plastic	12
P6315-2.5KG	Clear Plastic	4
P6315-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay ($\text{KNaC}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$)	99.0 - 102.0%
pH of a 5% solution at 25°C	6.0-8.5
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Phosphate (PO_4)	≤ 0.002%
Sulfate (SO_4)	≤ 0.005%
Ammonium (NH_4)	≤ 0.002%
Calcium (Ca)	≤ 0.005%
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%

Potassium Sodium Tartrate Laboratory Grade

$\text{KNaC}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$ F.W. 282.22 CAS# 6381-59-5

Item No.	Pkg Type	Case
P6318-125G	Clear Plastic	12
P6318-500G	Clear Plastic	12
P6318-2.5KG	Clear Plastic	4
P6318-12KG	White Pail	



DOT: Not Regulated

Potassium Sodium Tartrate 10% w/v Solution

APHA for Nitrogen Ammonia

Item No.	Pkg Type	Case
7630-500ML	Clear Plastic	
7630-1L	Clear Plastic	6
7630-4L	Clear Plastic	4

DOT: Not Regulated

Potassium Sodium Tartrate 25% w/v Solution

APHA for Cadmium

Item No.	Pkg Type	Case
7633-500ML	Clear Plastic	



DOT: Not Regulated

Potassium Sodium Tartrate 30% w/v Solution

Item No.	Pkg Type	Case
7635-100ML	Clear Plastic	
7635-500ML	Clear Plastic	



DOT: Not Regulated

Potassium Standard 100 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
7645-500ML	Clear Plastic	

DOT: Not Regulated

Potassium AA Standard 1,000 ppm NIST Traceable (in 0.5 Mol/L HNO_3)

Item No.	Pkg Type	Case
7650-100ML	Clear Plastic	
7650-250ML	Clear Plastic	
7650-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Potassium Standard 10,000 ppm w/v Solution

Item No.	Pkg Type	Case
7653-500ML	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Nitric Acid), 8, III

Potassium Sulfate, Reagent ACS Granular

K₂SO₄ **F.W. 174.27** **CAS# 7778-80-5**

Item No.	Pkg Type	Case
P6890-125G	Clear Plastic	12
P6890-500G	Clear Plastic	12
P6890-2.5KG	Clear Plastic	4
P6890-12KG	White Pail	
P6890-50KG	Fiber Drum	

DOT: Not Regulated

Specifications

Assay	≥ 99.0% K ₂ SO ₄
pH of a 5% solution at 25° C	5-8.5
insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Nitrogen Compounds (as N)	≤ 5 ppm
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.01%
Magnesium (Mg)	≤ 0.005%
Sodium (Na)	≤ 0.02%

Potassium Sulfide See Potash, Sulfurated

Potassium Thiocyanate, Reagent ACS Grade Crystal

KSCN **F.W. 97.18** **CAS# 333-20-0**

Item No.	Pkg Type	Case
P7114-125G	Clear Plastic	12
P7114-500G	Clear Plastic	12
P7114-2.5KG	Clear Plastic	4
P7114-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 98.5% KSCN
Appearance	To pass test
pH of 5% solution @25°C	5.3-8.7
Insoluble in water	≤ 0.005%
Chloride (Cl)	≤ 0.005%
Sulfate (SO ₄)	≤ 0.005%
Ammonium (NH ₄)	≤ 0.003%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 2 ppm
Sodium (Na)	≤ 0.005%
Iodine-consuming substances	Passes test

Potassium Thiocyanate 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
7753-500ML	Clear Plastic	6
7753-1L	Clear Plastic	6
7753-4L	Clear Plastic	4



DOT: Not Regulated

Potassium Thiocyanate 20% w/v Aqueous Solution

Item No.	Pkg Type	Case
7754-1L	Clear Plastic	6



DOT: Not Regulated

Potassium Thiocyanate 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
7718-1L	Clear Plastic	
7718-4L	Clear Plastic	

DOT: Not Regulated

Potassium Thiocyanate 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
7725-500ML	Clear Plastic	6
7725-1L	Clear Plastic	6
7725-4L	Clear Plastic	4
7725-20L	Cubitainer®	

DOT: Not Regulated

Potassium Thiocyanate 0.141 Normal NIST Traceable Solution

Normality = 0.1405 - 0.1415 @20°C

Item No.	Pkg Type	Case
7735-1L	Clear Plastic	6
7735-20L	Cubitainer®	

DOT: Not Regulated

2-Propanol See Isopropyl Alcohol

Propionic Acid Reagent Grade

C₃H₆O₂ **F.W. 74.08** **CAS# 79-09-4**

Item No.	Pkg Type	Case
P8499-500ML	Amber Glass	
P8499-4L	Clear Plastic	
P8499-20LHP	Clear Plastic	



DOT: UN 1848 Propionic acid, 8(3), III

Specifications

Assay	≥98.5%
Appearance (Form)	Clear Liquid
Color (APHA)	≤ 10
Infrared Spectrum	Conforms
Water	≤ 0.2%
Refractive Index	1.3850 to 1.3870

n-Propyl Alcohol (1-Propanol) Reagent ACS Grade

CH₃(CH₂)₂OH **F.W. 60.1** **CAS# 71-23-8**

Item No.	Pkg Type	Case
P8998-500ML	Amber Glass	6
P8998-1L	Amber Glass	6
P8998-4L	Amber Glass	4
P8998-20L	Metal Can	



DOT: UN 1274 n-Propanol, 3, II

Specifications

Assay	≥ 99.5%
Solubility in water	Passes test
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.001%
Titrate acid	≤ 0.0004 meq/g
Carbonyl Compounds (as C ₂ H ₅ CHO)	≤ 0.03%
Ethyl alcohol (CH ₃ CH ₂ OH)	≤ 0.01%
Methanol (CH ₃ OH)	≤ 0.01%
Isopropyl Alcohol (CH ₃ CHOHCH ₃)	≤ 0.05%
Water (H ₂ O)	≤ 0.2%



n-Propyl Alcohol (1-Propanol) Laboratory Grade

$\text{CH}_3(\text{CH}_2)_2\text{OH}$ F.W. 60.1 CAS# 71-23-8

Item No.	Pkg Type	Case
P9000-500ML	Amber Glass	6
P9000-1L	Amber Glass	6
P9000-4L	Amber Glass	4
P9000-20L	Metal Can	



DOT: UN 1274 n-Propanol, 3, II

1,2-Propanediol (Propylene Glycol) Reagent ACS Grade

$\text{C}_3\text{H}_8\text{O}_2$ F.W. 76.1 CAS# 57-55-6

Item No.	Pkg Type	Case
P7601-1L	Clear Plastic	6
P7601-4L	Clear Plastic	4
P7601-20L	Clear Plastic	

DOT: Not Regulated

Specifications

Assay ($\text{CH}_3\text{CHOHCH}_2\text{OH}$)	$\geq 99.5\%$
Color (APHA)	≤ 10
Residue after ignition	$\leq 0.005\%$
Titration acid	$\leq 0.0005 \text{ meq/g}$
Chloride (Cl)	$\leq 1 \text{ ppm}$
Water (H_2O)	$\leq 0.2\%$

1,2-Propanediol (Propylene Glycol) Laboratory Grade

$\text{C}_3\text{H}_8\text{O}_2$ F.W. 76.1 CAS# 57-55-6

Item No.	Pkg Type	Case
P7600-500ML	Clear Plastic	6
P7600-1L	Clear Plastic	6
P7600-4L	Clear Plastic	4
P7600-20L	Clear Plastic	

DOT: Not Regulated

Propylene Glycol 1.00% w/w Aqueous Solution

Item No.	Pkg Type	Case
ND476 (1 L)	Amber Glass	

DOT: Not Regulated

Propylene Glycol 2.00% w/w Aqueous Solution

Item No.	Pkg Type	Case
ND477 (1 L)	Amber Glass	

DOT: Not Regulated

Propylene Glycol 50% v/v Solution

Item No.	Pkg Type	Case
SPE933 (4 L)	Clear Plastic	
SPE933A (20 L)	Cubitainer®	

DOT: Not Regulated

Propylene Glycol See 1,2-Propanediol

Pyridine Reagent ACS Grade

$\text{C}_5\text{H}_5\text{N}$ F.W. 79.1 CAS# 110-86-1

Item No.	Pkg Type	Case
P9161-100ML	Amber Glass	
P9161-500ML	Amber Glass	6
P9161-1L	Amber Glass	6
P9161-4L	Amber Glass	4
P9161-20L	Metal Can	



DOT: UN 1282 Pyridine, 3, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	$\geq 99.0\% \text{ C}_5\text{H}_5\text{N}$
Residue after evaporation	$\leq 0.002\%$
Reducing Substances	Passes test
Sulfate(SO_4)	$\leq 0.001\%$
Water	$\leq 0.1\%$
Chloride(Cl)	$\leq 0.001\%$
Ammonia(NH_3)	$\leq 0.002\%$
Copper(Cu)	$\leq 5 \text{ ppm}$
Solubility in water	Passes test

Pyridine HPLC Grade

$\text{C}_5\text{H}_5\text{N}$ F.W. 79.1 CAS# 110-86-1

Item No.	Pkg Type	Case
P9164-1L	Amber Glass	
P9164-4L	Amber Glass	4



DOT: UN 1282 Pyridine, 3, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Pyridine, 99% Purified

$\text{C}_5\text{H}_5\text{N}$ F.W. 79.1 CAS# 110-86-1

Item No.	Pkg Type	Case
P9162-500ML	Amber Glass	6
P9162-1L	Amber Glass	6
P9162-4L	Amber Glass	4



DOT: UN 1282 Pyridine, 3, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	$\geq 99\%$
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Pyridine-Barbituric Acid APHA For Cyanide Analysis

Item No.	Pkg Type	Case
7780-500ML	Amber Glass	
7780-1L	Amber Glass	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Pyridine, Hydrochloric Acid), 3(8), II

WARNING: Cancer - www.P65Warnings.ca.gov.

Pyridine-Barbituric Acid Solution

Item No.	Pkg Type	Case
7770-500ML	Amber Glass	
7770-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Pyridine), 3, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Quinhydrone 97%

$\text{C}_6\text{H}_4\text{O}_2 \cdot \text{C}_6\text{H}_4\text{O}_2$ F.W. 218.21 CAS# 106-34-3

Item No.	Pkg Type	Case
Q4601-25G	Amber Glass	



DOT: UN 2801 Toxic Solid, organic, n.o.s. (Quinhydrone, 97%), 6.1, III

Quinine Sulfate Laboratory Grade, Powder

$C_{20}H_{24}N_2O_2 \cdot 0.5H_2SO_4 \cdot H_2O$ F.W. 782.97 CAS# 6119-70-6

Item No.	Pkg Type	Case
Q5501-50G	Amber Glass	



DOT: Not Regulated

Reagent Alcohol See Ethyl Alcohol

Redox Buffer (Light's) +475 mV $\pm$ 5 mV @25°C

Prepared to APHA 2580 B

Item No.	Pkg Type	Case
7810-500ML	Amber Glass	
7810-1L	Amber Glass	
7810-4L	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Redox Buffer (Zobell's) +229 mV $\pm$ 5 mV @25°C

Prepared to APHA 2580 B

Item No.	Pkg Type	Case
7800-500ML	Amber Plastic	
7800-500MLWM	Clear Plastic	
7800-1L	Amber Plastic	
7800-4L	Amber Plastic	
7800-10L	Cubitainer®	
7800-20L	Cubitainer®	

DOT: Not Regulated

Reference Fuel A Isooctane 100%

$(CH_3)_3CCH_2CH(CH_3)_2$ F.W. 114.23 CAS# 540-84-1
Prepared to ASTM D471

Item No.	Pkg Type	Case
SPE434 (4 L)	Amber Glass	



DOT: UN 1262 Octanes, 3, II

Reference Fuel B Isooctane 70% Toluene 30%

Prepared to ASTM D471

Item No.	Pkg Type	Case
SPE435 (4 L)	Amber Glass	
SPE435A (20 L)	Metal Can	



DOT: UN 1993 Flammable liquids, n.o.s. (Octanes, Toluene), 3, II

Reference Fuel C Isooctane 50% Toluene 50%

Prepared to ASTM D471

Item No.	Pkg Type	Case
SPE436B (1 L)	Amber Glass	
SPE436 (4 L)	Amber Glass	
SPE436C (20 L)	Metal Can	
SPE436A (200 L)	Metal Drum	



DOT: UN 1993 Flammable liquids, n.o.s. (Octanes, Toluene), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Reference Fuel D 60% v/v Isooctane / 40% v/v Toluene PRF

Prepared to ASTM D471

Item No.	Pkg Type	Case
SPE437 (4 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Octanes, Toluene), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Reference Fuel E Toluene 100%

Prepared to ASTM D471

Item No.	Pkg Type	Case
SPE438 (4 L)	Amber Glass	



DOT: UN 1294 Toluene, 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Safranin O (C.I. 50240) Biological Stain

$C_{20}H_{19}ClN_4$ F.W. 350.85 CAS# 477-73-6

Item No.	Pkg Type	Case
S0410-10G	Amber Glass	12
S0410-25G	Amber Glass	
S0410-100G	Amber Glass	



DOT: Not Regulated

Safranin O 1.0% w/v Solution

Item No.	Pkg Type	Case
S0450-500ML	Clear Plastic	6
S0450-4L	Clear Plastic	

DOT: Not Regulated

Safranin Staining Solution

(For Grams Staining)

Item No.	Pkg Type	Case
S0400-500ML	Amber Glass	



DOT: Not Regulated

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Salicylate/Nitroprusside Solution (APHA for Kjeldahl Nitrogen)

Item No.	Pkg Type	Case
7935-1L	Amber Plastic	
7935-1LAG	Amber Glass	

DOT: Not Regulated



Salicylic Acid Reagent ACS Grade Crystal

HOC₆H₄COOH F.W. 138.12 CAS# 69-72-7

Item No.	Pkg Type	Case
S0620-125G	Clear Plastic	
S0620-500G	Clear Plastic	
S0620-2.5KG	Clear Plastic	



DOT: Not Regulated

Specifications

Assay	≥ 99.0% C ₇ H ₆ O ₃
Residue after ignition	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.003%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 2 ppm
Substances darkened by Sulfuric acid	Passes test
Melting point	158.0-161.0°C

Salicylic Acid Laboratory Grade

HOC₆H₄COOH F.W. 138.12 CAS# 69-72-7

Item No.	Pkg Type	Case
S0622-100G	Clear Plastic	
S0622-500G	Clear Plastic	
S0622-12KG	White Pail	



DOT: Not Regulated

Sand White, Fine

Item No.	Pkg Type	Case
S0857-500G	Clear Plastic	12
S0857-2.5KG	Clear Plastic	4
S0857-5KG	Clear Plastic	4
S0857-12KG	White Pail	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Sand White 20-30 Mesh ASTM C778

Item No.	Pkg Type	Case
S0865-5LB	Clear Plastic	10
S0865-50LB	White Pail	
S0865-100LB	Fiber Drum	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Scandium AA Standard 1,000 ppm, NIST Traceable

Item No.	Pkg Type	Case
7950-100ML	Clear Plastic	
7950-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Schiff Aldehyde Test Solution

Item No.	Pkg Type	Case
S0892-500ML	Amber Plastic	
S0892-1L	Amber Plastic	



DOT: Not Regulated

Sea Salt, Synthetic ASTM D1141

Item No.	Pkg Type	Case
S9795-17OZ	Clear Plastic	
S9795-20LB	White Pail	

Sea Salt See Synthetic Sea water

Synthetic Sea Water Prepared to ASTM D665

Item No.	Pkg Type	Case
9120-1L	Clear Plastic	6
9120-4L	Clear Plastic	4
9120-20L	Cubitainer®	

DOT: Not Regulated

Synthetic Sea Water ASTM D1141

Item No.	Pkg Type	Case
9125-4L	Clear Plastic	4
9125-4LC	Cubitainer®	
9125-20L	Cubitainer®	
9125-200L	Poly Drum	

DOT: Not Regulated

Synthetic Sea Water Heavy Metals ASTM D1141

Item No.	Pkg Type	Case
9126-4L	Clear Plastic	
9126-20L	Cubitainer®	
9126-200L	Poly Drum	

DOT: Not Regulated

Selenium AA Standard 1,000 ppm in 3.5% Nitric Acid NIST Traceable

Item No.	Pkg Type	Case
8150-100ML	Clear Plastic	



DOT: UN 2922 Corrosive liquids, toxic, n.o.s. (Nitric Acid), 8(6.1), II

Silica 325 Mesh Technical Grade Powder

SiO₂ F.W. 60.08 CAS# 14808-60-7

Item No.	Pkg Type	Case
S1702-500G	Clear Plastic	12
S1702-2.5KG	Clear Plastic	4
S1702-12KG	White Pail	
S1702-50LB	Poly Lined Bag	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Silica Standard 10 ppb Certified Solution

Assay = 7 - 13 ppb as SiO₂

Item No.	Pkg Type	Case
8162-1L	Clear Plastic	
8162-4L	Clear Plastic	4

DOT: Not Regulated

Silica Standard 25 ppb Certified Solution

Assay = 20 - 30 ppb as SiO₂

Item No.	Pkg Type	Case
8161-4L	Clear Plastic	



DOT: Not Regulated

Silica Standard 50 ppb Certified Solution

Assay = 45 - 55 ppb as SiO₂

Item No.	Pkg Type	Case
8164-500ML	Clear Plastic	
8164-1L	Clear Plastic	
8164-4L	Clear Plastic	

DOT: Not Regulated

Silica Standard 100 ppb Certified Solution

Assay = 90 - 110 ppb as SiO₂

Item No.	Pkg Type	Case
8168-1L	Clear Plastic	
8168-4L	Clear Plastic	

DOT: Not Regulated

Silica Standard 1,000 ppb Certified Solution

Assay = 970 - 1030 ppb as SiO₂

Item No.	Pkg Type	Case
8170-500ML	Clear Plastic	

DOT: Not Regulated

Silica Standard 10.0 ppm (1ml = 0.01mg) Solution

6 month expiration

Item No.	Pkg Type	Case
8191-500ML	Clear Plastic	
8191-1L	Clear Plastic	

DOT: Not Regulated

Silica Standard 100 ppm (1ml = 0.1mg)

Item No.	Pkg Type	Case
8190-500ML	Clear Plastic	
8190-1L	Clear Plastic	

DOT: Not Regulated

Silica Standard 1,000 ppm (1ml = 1mg SiO₂) Certified

Item No.	Pkg Type	Case
8250-100ML	Clear Plastic	12
8250-500ML	Clear Plastic	
8250-1L	Clear Plastic	

DOT: Not Regulated

Silica Gel 6-12 Mesh Grade 40

SiO₂ F.W. 60.08 CAS# 112926-00-8

Item No.	Pkg Type	Case
S1417-500G	Clear Plastic	
S1417-2.5KG	Clear Plastic	
S1417-25LB	White Pail	

DOT: Not Regulated

Silica Gel 6-18 Mesh Indicating Blue Grade 42

Item No.	Pkg Type	Case
S1414-500G	Clear Plastic	12
S1414-2.5KG	Clear Plastic	4
S1414-12KG	White Pail	



DOT: Not Regulated

Silica Gel 10-18 Mesh Indicating Grade 47

Item No.	Pkg Type	Case
S1422-500G	Clear Plastic	12
S1422-2.5KG	Clear Plastic	4
S1422-12KG	White Pail	



DOT: Not Regulated

Silica Gel 60-200 Mesh Grade 62

SiO₂ F.W. 60.08 CAS# 7631-86-9

Item No.	Pkg Type	Case
S1427-500G	Clear Plastic	12
S1427-2.5KG	Clear Plastic	

DOT: Not Regulated

Silica Gel 100-200 Mesh (Suitable for FIA Analysis)

SiO₂ F.W. 60.08 CAS# 1343-98-2

Item No.	Pkg Type	Case
S1424-500G	Clear Plastic	

DOT: Not Regulated

Silicon 98.5%, Lumps

Si F.W. 28.09 CAS# 7440-21-3

Item No.	Pkg Type	Case
S1928-100G	Clear Plastic	12
S1928-500G	Clear Plastic	
S1928-2.5KG	Clear Plastic	



DOT: UN 1346 Silicon powder, amorphous, 4.1, III

Silicon AA Standard 1,000 ppm NIST Traceable (Trace HF)

Item No.	Pkg Type	Case
8350-100ML	Clear Plastic	
8350-500ML	Clear Plastic	



DOT: Not Regulated

Silicone Fluid Pure (20 cSt)

(Si(CH₃)₂)_n CAS# 63148-62-9

Item No.	Pkg Type	Case
S1952-4L	Clear Plastic	
S1952-20L	Metal Can	

DOT: Not Regulated



Silicone Fluid Pure (50 cSt)

(Si(CH₃)O)_n CAS# 63148-62-9

Item No.	Pkg Type	Case
S1962-1L	Amber Glass	
S1962-4L	Clear Plastic	
S1962-20L	Cubitainer®	

DOT: Not Regulated

Silicone Fluid Pure (100 cSt)

(Si(CH₃)O)_n CAS# 63148-62-9

Item No.	Pkg Type	Case
S1964-1L	Amber Glass	
S1964-4L	Clear Plastic	
S1964-20L	Cubitainer®	

DOT: Not Regulated

Silicone Fluid Pure (200 cSt)

(Si(CH₃)O)_n CAS# 63148-62-9

Item No.	Pkg Type	Case
S1966-1L	Amber Glass	
S1966-4L	Clear Plastic	
S1966-20L	Metal Can	

DOT: Not Regulated

Silicone Fluid Pure (500 cSt)

(Si(CH₃)O)_n CAS# 63148-62-9

Item No.	Pkg Type	Case
S1968-1L	Clear Plastic	
S1968-4L	Clear Plastic	
S1968-20L	Metal Can	

DOT: Not Regulated

Silicone Viscosity Fluids See Viscosity Standards

Silver (Ag) AA Standard 5.0 ppm in 1% v/v HNO₃ NIST Traceable Solution

Item No.	Pkg Type	Case
ND607 (100 ML)	Amber Plastic	



DOT: Not Regulated

Silver (Ag) AA Standard 10.0 ppm in 1% v/v HNO₃ NIST Traceable Solution

Item No.	Pkg Type	Case
ND608 (100 ML)	Amber Plastic	



DOT: Not Regulated

Silver AA Standard 1,000 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
8550-100ML	Amber Plastic	
8550-500ML	Amber Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Silver Diethyldithiocarbamate Reagent ACS Grade Crystal

C₈H₁₀AgNS₂ F.W. 256.14 CAS# 1470-61-7

Item No.	Pkg Type	Case
S2105-25G	Amber Glass	



DOT: Not Regulated

Specifications

Solubility in Pyridine	Passes test
Suitability for determination of Arsenic	Passes test

Silver Nitrate Reagent ACS Grade Crystal

AgNO₃ F.W. 169.87 CAS# 7761-88-8/1

Item No.	Pkg Type	Case
S2121-5G	Amber Glass	
S2121-10G	Amber Glass	
S2121-30G	Amber Glass	
S2121-125G	Amber Glass	
S2121-500G	Amber Glass	
S2121-2.5KG	White Plastic	
S2121-12KG	White Pail	



DOT: UN 1493 Silver nitrate, 5.1, II

Specifications

Assay	≥ 99.0% AgNO ₃
Chloride (Cl)	≤ 5 ppm
Free acid	Passes test
Substances not precipitated by HCl	≤ 0.01%
Sulfate (SO ₄)	≤ 0.002%
Copper (Cu)	≤ 2 ppm
Iron (Fe)	≤ 2 ppm
Lead (Pb)	≤ 0.001%
Clarity of solution	Passes Test

Silver Nitrate 0.001 Normal NIST Traceable Solution

Normality = 0.00080 - 0.00120 @20°C

Item No.	Pkg Type	Case
8381-1L	Amber Plastic	6
8381-4L	Amber Plastic	4

DOT: Not Regulated

Silver Nitrate 0.001 Normal in IPA, NIST Traceable

Normality = 0.00080 - 0.00120 @20°C

Item No.	Pkg Type	Case
8364-1L	Amber Plastic	6
8364-1LG	Amber Glass	
8364-4L	Amber Plastic	4



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Silver Nitrate 0.001 Normal in Methanol, NIST Traceable

Normality = 0.00080 - 0.00120 @20°C

Item No.	Pkg Type	Case
8365-1L	Amber Glass	6
8365-4L	Amber Glass	4
8365-10L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Silver Nitrate 0.00282 Normal NIST Traceable Solution

Normality = 0.00277 - 0.00287 @20°C

Item No.	Pkg Type	Case
8384-1L	Amber Glass	6

DOT: Not Regulated

Silver Nitrate 0.005 Normal NIST Traceable Solution

Normality = 0.00480 - 0.00520 @20°C

Item No.	Pkg Type	Case
8386-1L	Amber Plastic	6
8386-4L	Amber Plastic	4

DOT: Not Regulated

Silver Nitrate 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
8387-500ML	Amber Plastic	
8387-1L	Amber Plastic	6
8387-1LG	Amber Glass	
8387-4L	Amber Plastic	4
8387-4LC	Cubitainer®	4
8387-4LG	Amber Glass	4
8387-10L	Cubitainer®	
8387-20L	Cubitainer®	

DOT: Not Regulated

Silver Nitrate 0.01 Normal in IPA NIST Traceable, ASTM D3227

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
8375-500ML	Amber Plastic	6
8375-1L	Amber Plastic	6
8375-1LAG	Amber Glass	
8375-4L	Amber Plastic	4
8375-4LC	Cubitainer®	
8375-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Silver Nitrate 0.01 Normal in Methanol, NIST Traceable

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
8367-500ML	Amber Glass	
8367-1L	Amber Plastic	
8367-4L	Amber Glass	4



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Silver Nitrate 0.0141 Normal NIST Traceable Solution

Normality = 0.0138 - 0.0144 @20°C

Item No.	Pkg Type	Case
8370-500ML	Amber Plastic	6
8370-1L	Amber Plastic	6
8370-4L	Amber Plastic	4
8370-4LC	Cubitainer®	
8370-20L	Cubitainer®	

DOT: Not Regulated

Silver Nitrate 0.0171 Normal NIST Traceable Solution

Normality = 0.0168 - 0.0174 @20°C

Item No.	Pkg Type	Case
8390-500ML	Amber Plastic	6
8390-1L	Amber Plastic	6
8390-4L	Amber Plastic	4
8390-20L	Cubitainer®	

DOT: Not Regulated

Silver Nitrate 0.0192 Normal NIST Traceable Solution

Normality = 0.0189 - 0.0195 @20°C

Item No.	Pkg Type	Case
8400-500ML	Amber Glass	6
8400-1L	Amber Glass	6
8400-4L	Amber Glass	4

DOT: Not Regulated

Silver Nitrate 0.02 Normal NIST Traceable Solution

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
8402-1L	Amber Plastic	6
8402-1LG	Amber Glass	6
8402-4L	Amber Plastic	4
8402-4LC	Cubitainer®	4
8402-4LG	Amber Glass	4
8402-4LPVC	Amber Glass	

DOT: Not Regulated

Silver Nitrate 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
8407-1L	Amber Plastic	6
8407-4L	Amber Plastic	4
8407-4LC	Cubitainer®	

DOT: Not Regulated

Silver Nitrate 0.0282 Normal NIST Traceable Solution

Normality = 0.0279 - 0.0285 @20°C

Item No.	Pkg Type	Case
8410-1L	Amber Glass	6
8410-4L	Amber Glass	4
8410-4LC	Cubitainer®	
8410-20L	Cubitainer®	
8410-200L	Poly Drum	

DOT: Not Regulated



Silver Nitrate 0.050 Normal NIST Traceable Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
8435-500ML	Amber Plastic	
8435-1L	Amber Plastic	
8435-4L	Amber Plastic	
8435-4LC	Cubitainer®	
8435-20L	Cubitainer®	

DOT: Not Regulated

Silver Nitrate 0.0855 Normal NIST Traceable Solution

Normality = 0.0854 - 0.0856 @20°C

Item No.	Pkg Type	Case
8427-1L	Amber Plastic	
8427-4L	Amber Plastic	
8427-10L	Cubitainer®	



DOT: Not Regulated

Silver Nitrate 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8430-250ML	Amber Plastic	12
8430-500ML	Amber Plastic	6
8430-500MLG	Amber Glass	
8430-1L	Amber Plastic	6
8430-1LG	Amber Glass	6
8430-4L	Amber Plastic	4
8430-4LC	Cubitainer®	4
8430-4LG	Amber Glass	4
8430-10L	Cubitainer®	
8430-20L	Cubitainer®	



DOT: Not Regulated

Silver Nitrate 0.1 Normal in IPA NIST Traceable ASTM D3227

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8360-500ML	Amber Plastic	6
8360-1L	Amber Plastic	6
8360-4L	Amber Plastic	4



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Silver Nitrate 0.1 Normal in Methanol, NIST Traceable

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8368-1L	Amber Glass	6
8368-4L	Amber Glass	4



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II



WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Silver Nitrate 0.1 Molar NIST Traceable Solution

Molarity = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8431-1L	Amber Plastic	
8431-4LC	Cubitainer®	
8431-20L	Cubitainer®	
8431-200L	Poly Drum	



DOT: Not Regulated

Silver Nitrate 0.141 Normal NIST Traceable Solution

Normality = 0.1405 - 0.1415 @20°C

Item No.	Pkg Type	Case
8432-500ML	Amber Plastic	6
8432-1L	Amber Plastic	6
8432-4L	Amber Plastic	4
8432-20L	Cubitainer®	



DOT: Not Regulated

Silver Nitrate 0.153 Normal NIST Traceable Solution

Normality = 0.1525 - 0.1535 @20°C

Item No.	Pkg Type	Case
8433-500ML	Amber Plastic	6
8433-1L	Amber Plastic	6
8433-4L	Amber Plastic	



DOT: Not Regulated

Silver Nitrate 0.171 Normal NIST Traceable Solution

Normality = 0.1705 - 0.1715 @20°C

Item No.	Pkg Type	Case
8436-250ML	Amber Plastic	
8436-500ML	Amber Plastic	6
8436-1L	Amber Plastic	6
8436-4L	Amber Plastic	4
8436-20L	Cubitainer®	



DOT: Not Regulated

Silver Nitrate 0.2 Normal NIST Traceable, Solution

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
8434-1L	Amber Plastic	



DOT: Not Regulated

Silver Nitrate 0.250 Normal NIST Traceable Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
8449-500ML	Amber Plastic	
8449-1L	Amber Plastic	
8449-4L	Amber Plastic	
8449-4LC	Cubitainer®	
8449-20L	Cubitainer®	



DOT: Not Regulated

Silver Nitrate 0.282 Normal NIST Traceable Solution

Normality = 0.2815 - 0.2825 @20°C

Item No.	Pkg Type	Case
8450-500ML	Amber Plastic	6
8450-1L	Amber Plastic	6
8450-4L	Amber Plastic	4
8450-20L	Cubitainer®	
8450-200L	Poly Drum	



DOT: Not Regulated

Silver Nitrate 0.5 Normal NIST Traceable Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
8460-500ML	Amber Glass	
8460-1L	Amber Glass	
8460-4L	Amber Glass	
8460-4LC	Cubitainer®	



DOT: Not Regulated

Silver Nitrate 1.0 Normal NIST Traceable, Solution

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
8465-500ML	Amber Glass	
8465-1L	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Silver Nitrate), 8, III

Silver Nitrate 1.0% w/v Aqueous Solution

Item No.	Pkg Type	Case
8445-100ML	Amber Plastic	
8445-200ML	Amber Plastic	
8445-500ML	Amber Plastic	
8445-1L	Amber Plastic	
8445-4L	Amber Plastic	

DOT: Not Regulated

Silver Nitrate 2.0% w/v Solution

Item No.	Pkg Type	Case
8446-250ML	Amber Glass	
8446-500ML	Amber Glass	
8446-1L	Amber Glass	

DOT: Not Regulated

Silver Nitrate 5.0% w/v Solution, ASTM D808

Item No.	Pkg Type	Case
8440-100ML	Amber Glass	
8440-500ML	Amber Glass	
8440-1L	Amber Glass	
8440-4L	Amber Glass	
8440-20L	Cubitainer®	



DOT: Not Regulated

Silver Nitrate 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
8442-100ML	Amber Glass	
8442-500ML	Amber Glass	
8442-1L	Amber Glass	
8442-4L	Amber Glass	



DOT: Not Regulated

Silver Nitrate 20% w/v Aqueous Solution

Item No.	Pkg Type	Case
8448-250ML	Amber Glass	
8448-500ML	Amber Glass	
8448-1L	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Silver Nitrate), 8, III

Silver Sulfate Reagent ACS Grade Powder

Ag₂SO₄ F.W. 311.8 CAS# 10294-26-5

Item No.	Pkg Type	Case
S2193-30G	Amber Glass	12
S2193-125G	Amber Glass	
S2193-500G	Amber Glass	



DOT: Not Regulated

Specifications

Assay	≥ 98.0% Ag ₂ SO ₄
Insoluble matter and silver chloride	≤ 0.02%
Nitrate (NO ₃)	≤ 0.001%
Substances not precipitated by	
hydrochloric acid	≤ 0.03%
Iron (Fe)	≤ 0.001%

Simulated Intestinal Fluid Prepared to USP 42/NF 37 (pH 6.80 +/- 0.10)

Item No.	Pkg Type	Case
SPE510 (1 L)	Clear Plastic	

DOT: Not Regulated

Soda Ash See Sodium Carbonate

Soda Lime 4-8 Mesh Reagent ACS Grade

Item No.	Pkg Type	Case
S2226-500G	Clear Plastic	
S2226-2.5KG	Clear Plastic	



DOT: Not Regulated

Specifications

Carbon dioxide absorption capacity	≥ 19.0%
Loss on drying at 200°C	≤ 7%
Fines	≤ 1%



Soda Lime 4-8 Mesh Laboratory Grade

Item No.	Pkg Type	Case
S2229-500G	Clear Plastic	
S2229-2.5KG	Clear Plastic	



DOT: Not Regulated

Soda Lime 4-8 Mesh (Indicating) Reagent ACS Grade

Item No.	Pkg Type	Case
S2237-500G	Clear Plastic	
S2237-2.5KG	Clear Plastic	



DOT: Not Regulated

Specifications

Carbon dioxide absorption capacity	≥ 19.0%
Loss on drying at 200°C	≤ 7%
Fines	≤ 1%

Sodium Standard 1.0 ppm (1,000 PPB) NIST Traceable Solution

6 month expiration

Item No.	Pkg Type	Case
8754-500ML	Clear Plastic	
8754-1L	Clear Plastic	

DOT: Not Regulated

Sodium Standard 10.0 ppm NIST Traceable Solution

6 month expiration

Item No.	Pkg Type	Case
8752-500ML	Clear Plastic	

DOT: Not Regulated

Sodium Standard 100 ppm in 3.5% Nitric Acid NIST Traceable

6 month expiration

Item No.	Pkg Type	Case
8751-100ML	Clear Plastic	
8751-500ML	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Nitric Acid), 8, III

Sodium Standard 100.0 ppm (Na Source NaCl)

Item No.	Pkg Type	Case
8746-1L	Clear Plastic	

DOT: Not Regulated

Sodium AA STD 1,000 mg/L NIST Traceable (in 0.5 mol/L HNO₃)

Item No.	Pkg Type	Case
8750-100ML	Clear Plastic	
8750-250ML	Clear Plastic	
8750-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Sodium Standard 1,000 ppm (NaCl) w/w Solution (1ml = 1mg Na) (NIST)

Item No.	Pkg Type	Case
8756-100ML	Clear Plastic	
8756-500ML	Clear Plastic	
8756-1L	Clear Plastic	

DOT: Not Regulated

Sodium Acetate Trihydrate Reagent ACS Grade

CH₃COONa•3H₂O F.W. 136.08 CAS# 6131-90-4

Item No.	Pkg Type	Case
S2412-125G	White Plastic	12
S2412-500G	Clear Plastic	12
S2412-2.5KG	Clear Plastic	4
S2412-12KG	White Pail	
S2412-25KG	Fiber Drum	
S2412-50KG	Fiber Drum	

DOT: Not Regulated

Specifications

Assay (C ₂ H ₃ O ₂ Na•3H ₂ O)	99.0-101%
pH of a 5% solution at 25°C	7.5-9.2
Substances reducing permanganate	Passes test
Chloride (Cl)	≤ 0.001%
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.002%
Potassium (K)	≤ 0.005%
Insoluble matter	≤ 0.005%

Sodium Acetate Anhydrous Reagent ACS Grade Powder

CH₃COONa F.W. 82.03 CAS# 127-09-3

Item No.	Pkg Type	Case
S2420-500G	Clear Plastic	12
S2420-2.5KG	Clear Plastic	4
S2420-12KG	White Pail	
S2420-25KG	Fiber Drum	

DOT: Not Regulated

Specifications

Assay	≥ 99.0% C ₂ H ₃ O ₂ Na
pH of a 5% solution at 25°C	7.0-9.2
Loss on drying at 120°C	≤ 1.0%
Chloride (Cl)	≤ 0.002%
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.003%
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.002%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%
Insoluble matter	≤ 0.01%

Sodium Acetate Anhydrous Laboratory Grade Powder

CH₃COONa F.W. 82.03 CAS# 127-09-3

Item No.	Pkg Type	Case
S2422-500G	Clear Plastic	
S2422-2.5KG	Clear Plastic	
S2422-12KG	White Pail	

DOT: Not Regulated

Sodium Acetate 15% w/v Solution

Item No.	Pkg Type	Case
8553-1L	Clear Plastic	

DOT: Not Regulated

Sodium Acetate 20% w/v Solution

APHA for Iron

Item No.	Pkg Type	Case
8555-500ML	Clear Plastic	
8555-1L	Clear Plastic	6
8555-4L	Clear Plastic	4
8555-20L	Cubitainer®	

DOT: Not Regulated

Sodium Acetate 50% w/v Solution

Item No.	Pkg Type	Case
8563-1L	Clear Plastic	4
8563-4L	Clear Plastic	
8563-20L	Cubitainer®	
DOT: Not Regulated		

Sodium Acetate 0.1 Normal in Acetic Acid

Prepared to ASTM D2896

Item No.	Pkg Type	Case
8705-100ML	Amber Glass	
8705-4L	Amber Glass	



DOT: UN 2920 Corrosive liquids, flammable, n.o.s. (Acetic Acid, Glacial), 8(3), II

Sodium Acetate 0.2 Molar Solution

APHA for Arsenic

Item No.	Pkg Type	Case
8558-500ML	Clear Plastic	
8558-1L	Clear Plastic	

DOT: Not Regulated

Sodium Acetate 2 Normal (2 Molar) Solution

Item No.	Pkg Type	Case
8556-500ML	Clear Plastic	6
8556-1L	Clear Plastic	
8556-4L	Clear Plastic	

DOT: Not Regulated

Sodium Acetate Buffer pH 4.0 - 4.5

Item No.	Pkg Type	Case
SPE961 (20 L)	Cubitainer®	



DOT: UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Acetic Acid, Glacial), 8, II

Sodium Arsenite 0.5% w/v Solution

Item No.	Pkg Type	Case
8560-60ML	Clear Plastic Dropper	
8560-500ML	Clear Plastic	
8560-1L	Clear Plastic	



DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.

Sodium Arsenite See Also Arsenite

Sodium Ascorbate 1.0 Molar Solution

Item No.	Pkg Type	Case
ND594 (20 L)	Cubitainer®	
ND594A (200 L)	Poly Drum	

DOT: Not Regulated

Sodium Azide 0.5% w/v Solution APHA for Chromium

Item No.	Pkg Type	Case
8564-500ML	Clear Plastic	
8564-1L	Clear Plastic	

DOT: Not Regulated

Sodium Azide 5% w/v Certified Solution

Item No.	Pkg Type	Case
8562-500ML	Amber Glass	
8562-10L	Cubitainer®	



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Sodium Azide), 6.1, III

Sodium Azide 9% w/v Solution

Item No.	Pkg Type	Case
ND501 (4 L)	Amber Glass	4



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Sodium Azide), 6.1, II

Sodium Azide 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
SPE844 (1 L)	Amber Glass	



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Sodium Azide), 6.1, II

Sodium Azide Spot Test For Sulfide Sulfur

Item No.	Pkg Type	Case
ND548A (100 ML)	Amber Glass	
ND548 (500 ML)	Amber Glass	



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Sodium Azide), 6.1, II

Sodium Benzoate Laboratory Grade Powder

C6H5COONa F.W. 144.11 CAS# 532-32-1

Item No.	Pkg Type	Case
S2492-500G	Clear Plastic	12
S2492-2.5KG	Clear Plastic	4
S2492-12KG	White Pail	

DOT: Not Regulated

Sodium Bicarbonate Reagent ACS Grade Powder

NaHCO3 F.W. 84.01 CAS# 144-55-8

Item No.	Pkg Type	Case
S2498-500G	Clear Plastic	12
S2498-2.5KG	Clear Plastic	4
S2498-12KG	White Pail	
S2498-25KG		

DOT: Not Regulated

Specifications

Assay (dried basis)	99.7-100.3% <chem>NaHCO3</chem>
Chloride (Cl)	≤ 0.003%
Phosphate (<chem>PO4</chem>)	≤ 0.001%
Sulfur compounds (as <chem>SO4</chem>)	≤ 0.003%
Ammonium (<chem>NH4</chem>)	≤ 5 ppm
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%
Calcium (Ca)	≤ 0.02%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.005%
Insoluble matter	≤ 0.015%



Sodium Bicarbonate Laboratory Grade Powder

Item No.	Pkg Type	Case
S2505-500G	Clear Plastic	12
S2505-2.5KG	Clear Plastic	4
S2505-12KG	White Pail	
S2505-50LB	Poly Lined Bag	

DOT: Not Regulated

Sodium Bicarbonate 1.2% w/v Solution

Item No.	Pkg Type	Case
SPX784 (250 ML)	Clear Plastic	

DOT: Not Regulated

Sodium Bicarbonate 5.0% w/w Certified Solution

Assay = 4.980 - 5.020% w/w

Item No.	Pkg Type	Case
SPX350 (20 L)	Cubitainer®	

DOT: Not Regulated

Sodium Bicarbonate 7% w/v Solution

Item No.	Pkg Type	Case
ND676 (4 L)	Clear Plastic	

DOT: Not Regulated

Sodium Bisulfate Monohydrate Reagent Grade Crystal

Item No.	Pkg Type	Case
S2532-500G	Clear Plastic	
S2532-2.5KG	Clear Plastic	4
S2532-12KG	White Pail	



DOT: UN 3260 Corrosive solid, acidic, inorganic, n.o.s. (Sodium Bisulfate Monohydrate), 8, III

Specifications

Assay (as H ₂ SO ₄)	35.0-36.5%
Chloride (Cl)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Insoluble matter and ammonium hydroxide precipitate	≤ 0.01%
Iron (Fe)	≤ 0.001%
Arsenic (As)	≤ 1 ppm
Phosphate (PO ₄)	≤ 0.002%
Calcium and magnesium	≤ 0.01%
Nitrate	≤ 0.005%

Sodium Bisulfate Anhydrous Laboratory Grade

Item No.	Pkg Type	Case
S2535-500G	Clear Plastic	12
S2535-2.5KG	Clear Plastic	4
S2535-12KG	White Pail	



DOT: UN 1759 Corrosive solids, n.o.s. (Sodium Bisulfate Anhydrous), 8, III

Sodium Bisulfite Reagent ACS Grade Granular

Item No.	Pkg Type	Case
S2539-500G	Clear Plastic	
S2539-2.5KG	Clear Plastic	
S2539-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 58.5% SO ₂
Chloride (Cl)	≤ 0.02%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.002%
Insoluble matter	≤ 0.005%

Sodium Bisulfite Laboratory Grade Granular

Item No.	Pkg Type	Case
S2545-500G	Clear Plastic	12
S2545-2.5KG	Clear Plastic	4
S2545-12KG	White Pail	
S2545-50LB	Poly Lined Bag	



DOT: Not Regulated

Sodium Bisulfite 20% w/w Solution

Item No.	Pkg Type	Case
SPE944B (20 L)	Cubitainer®	
SPE944 (200 GAL)	Poly Tote	



DOT: Not Regulated

Sodium Borate Decahydrate Reagent ACS Grade Granular

Item No.	Pkg Type	Case
S2554-500G	Clear Plastic	12
S2554-2.5KG	Clear Plastic	4
S2554-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (Na ₂ B ₄ O ₇ •10H ₂ O)	99.5%-105.0%
pH of a 0.01 M solution	9.15-9.20 at 25° C
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 5 ppm

Sodium Borate Decahydrate Laboratory Grade Granular

Na₂B₄O₇•10H₂O **F.W. 381.37** **CAS# 1303-96-4/1**

Item No.	Pkg Type	Case
S2570-500G	Clear Plastic	12
S2570-2.5KG	Clear Plastic	4
S2570-12KG	White Pail	



DOT: Not Regulated

Sodium Bromide Reagent ACS Grade Granular

NaBr **F.W. 102.89** **CAS# 7647-15-6**

Item No.	Pkg Type	Case
S2589-500G	Clear Plastic	
S2589-2.5KG	Clear Plastic	
S2589-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay (Corrected)	≥ 99.0%
pH of 5% Solution @ 25°C	5.0-8.8
Insoluble Matter	≤ 0.005%
Bromate (BrO ₃)	≤ 0.001%
Chloride (Cl)	≤ 0.2%
Sulfate (SO ₄)	≤ 0.002%
Barium (Ba)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.002%
Magnesium (Mg)	≤ 0.001%
Potassium (K)	≤ 0.1%

Sodium Bromide Laboratory Grade Granular

NaBr **F.W. 102.89** **CAS# 7647-15-6**

Item No.	Pkg Type	Case
S2590-100G	Clear Plastic	
S2590-500G	Clear Plastic	
S2590-2.5KG	Clear Plastic	
S2590-12KG	White Pail	
S2590-25KG	Fiber Drum	

DOT: Not Regulated

Sodium Bromide 30% w/v Solution

Item No.	Pkg Type	Case
SPX904 (1 L)	Clear Plastic	

DOT: Not Regulated

Sodium Carbonate Anhydrous Reagent ACS Grade Granular

Na₂CO₃ **F.W. 105.99** **CAS# 497-19-8**

Item No.	Pkg Type	Case
S2599-125G	Clear Plastic	
S2599-250G	Clear Plastic	
S2599-500G	Clear Plastic	12
S2599-2.5KG	Clear Plastic	4
S2599-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 99.5% Na ₂ CO ₃
Insoluble Matter	≤ 0.01%
Loss on Heating at 285°C	≤ 1.0%
Chloride (Cl)	≤ 0.001%
Phosphate (PO ₄)	≤ 0.001%
Silica (SiO ₂)	≤ 0.005%
Sulfur Compounds (as SO ₄)	≤ 0.003%
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.03%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.005%

Sodium Carbonate Anhydrous Primary Standard Grade

Na₂CO₃ **F.W. 105.99** **CAS# 497-19-8**

Item No.	Pkg Type	Case
S2597-500G	Clear Plastic	



DOT: Not Regulated

Sodium Carbonate Anhydrous (Soda Ash) Laboratory Grade Granular

Na₂CO₃ **F.W. 105.99** **CAS# 497-19-8**

Item No.	Pkg Type	Case
S2612-500G	Clear Plastic	12
S2612-2.5KG	Clear Plastic	4
S2612-12KG	White Pail	
S2612-50LB	Poly Lined Bag	



DOT: Not Regulated

Sodium Carbonate Monohydrate Reagent ACS Grade

Na₂CO₃•H₂O **F.W. 124** **CAS# 5968-11-6**

Item No.	Pkg Type	Case
S2624-500G	Clear Plastic	12
S2624-2.5KG	Clear Plastic	4
S2624-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (Na ₂ CO ₃ •H ₂ O)	≥ 99.5%
Loss on drying at 150° C	13 - 15%
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Phosphate (PO ₄)	≤ 5 ppm
Silica (SiO ₂)	≤ 0.005%
Sulfur compounds (as SO ₄)	≤ 0.004%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.03%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.005%

Sodium Carbonate 0.02 Normal NIST Traceable, Solution

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
8578-1L	Clear Plastic	6

DOT: Not Regulated

Sodium Carbonate 0.03625 Molar Solution

Item No.	Pkg Type	Case
SPE403 (1 L)	Clear Plastic	

DOT: Not Regulated

Sodium Carbonate 0.04 Normal NIST Traceable, Solution

Normality = 0.0395 - 0.0405 @20°C

Item No.	Pkg Type	Case
8579-1L	Clear Plastic	6

DOT: Not Regulated



Sodium Carbonate 0.0454 Normal NIST Traceable Solution

Normality = 0.0449 - 0.0459 @20°C

Item No.	Pkg Type	Case
8577-500ML	Clear Plastic	
8577-1L	Clear Plastic	
8577-4L	Clear Plastic	

DOT: Not Regulated

Sodium Carbonate 0.05 Normal NIST Traceable Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
8580-500ML	Clear Plastic	6
8580-1L	Clear Plastic	6
8580-4L	Clear Plastic	4

DOT: Not Regulated

Sodium Carbonate 0.1 Normal (0.05 Molar) NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8572-500ML	Clear Plastic	
8572-1L	Clear Plastic	6
8572-4L	Clear Plastic	4
8572-20L	Cubitainer®	

DOT: Not Regulated

Sodium Carbonate 0.274 Normal NIST Traceable Solution

Normality = 0.2735 - 0.2745 @20°C

Item No.	Pkg Type	Case
8475-4LC	Cubitainer®	

DOT: Not Regulated

Sodium Carbonate 0.454 Normal NIST Traceable Solution

Normality = 0.4535 - 0.4545 @20°C

Item No.	Pkg Type	Case
SPX775 (4 L)	Clear Plastic	

DOT: Not Regulated

Sodium Carbonate 0.5 Normal NIST Traceable Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
8573-1L	Clear Plastic	6
8573-20L	Cubitainer®	

DOT: Not Regulated

Sodium Carbonate 1.0 Normal (0.5 Molar) NIST Traceable Solution

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
8576-500ML	Clear Plastic	6
8576-1L	Clear Plastic	6
8576-4L	Clear Plastic	4
8576-20L	Cubitainer®	

DOT: Not Regulated

Sodium Carbonate 2.0 Normal NIST Traceable Solution

Normality = 1.9991 - 2.0009 @20°C

Item No.	Pkg Type	Case
8581-500ML	Clear Plastic	6
8581-1L	Clear Plastic	6
8581-4L	Clear Plastic	4

DOT: Not Regulated

Sodium Carbonate 5% w/v Aqueous Solution, ASTM D808

Item No.	Pkg Type	Case
8569-500ML	Clear Plastic	
8569-1L	Clear Plastic	6
8569-4L	Clear Plastic	

DOT: Not Regulated

Sodium Carbonate 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
8570-500ML	Clear Plastic	6
8570-1L	Clear Plastic	6
8570-4L	Clear Plastic	

DOT: Not Regulated

Sodium Carbonate 20% w/v Aqueous Solution

Item No.	Pkg Type	Case
8571-1L	Clear Plastic	6
8571-4L	Clear Plastic	4



DOT: Not Regulated

Sodium Chlorate Reagent ACS Grade Crystal

NaClO₃ F.W. 106.44 CAS# 7775-09-9

Item No.	Pkg Type	Case
S2655-100G	Clear Plastic	
S2655-500G	Clear Plastic	
S2655-2.5KG	Clear Plastic	



DOT: UN 1495 Sodium chlorate, 5.1, II

Specifications

Assay	≥ 99.0% NaClO ₃
Insoluble matter	≤ 0.005%
Bromate (BrO ₃)	≤ 0.015%
Chloride (Cl)	≤ 0.005%
Sulfate (SO ₄)	≤ 0.001%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 5 ppm
Calcium (Ca)	≤ 0.002%
Magnesium (Mg)	≤ 0.002%
Potassium (K)	≤ 0.01%

Sodium Chloride Reagent ACS Grade Crystal

NaCl	F.W. 58.44	CAS# 7647-14-5
Item No.	Pkg Type	Case
S2675-125G	Clear Plastic	12
S2675-500G	Clear Plastic	12
S2675-2.5KG	Clear Plastic	4
S2675-12KG	White Pail	
S2675-50LB	White Pail	
S2675-100LB	Fiber Drum	
S2675-50KG	Fiber Drum	
S2675-200LB	Fiber Drum	
S2675-350LB	Fiber Drum	

DOT: Not Regulated

Specifications

Assay	≥ 99.0%
pH of a 5% solution @25°C	5.0 - 9.0
Insoluble matter	≤ 0.005%
Iodide (I)	≤ 0.002%
Bromide (Br)	≤ 0.01%
Chlorate and Nitrate (as NO ₃)	≤ 0.003%
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.004%
Barium (Ba)	Passes Test
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 2 ppm
Calcium (Ca)	≤ 0.002%
Magnesium (Mg)	≤ 0.001%
Potassium (K)	≤ 0.005%

Sodium Chloride Laboratory Grade Crystal

NaCl	F.W. 58.44	CAS# 7647-14-5
Item No.	Pkg Type	Case
S2686-500G	Clear Plastic	12
S2686-2.5KG	Clear Plastic	4
S2686-12KG	White Pail	
S2686-50LB	Poly Lined Bag	

DOT: Not Regulated

Sodium Chloride Laboratory Grade Granular

NaCl	F.W. 58.44	CAS# 7647-14-5
Item No.	Pkg Type	Case
S2689-500G	Clear Plastic	12
S2689-2.5KG	Clear Plastic	4
S2689-12KG	White Pail	

DOT: Not Regulated

Sodium Chloride Standard 50.0 ppm as NaCl, NIST Traceable

Item No.	Pkg Type	Case
8428-1L	Clear Plastic	
8428-4L	Clear Plastic	

DOT: Not Regulated

Sodium Chloride Standard 1,000 ppm as NaCl, NIST Traceable

Item No.	Pkg Type	Case
8583-500ML	Clear Plastic	
8583-1L	Clear Plastic	

DOT: Not Regulated

Sodium Chloride 10 g/L in Mixed Alcohol Solvent (ASTM D3230)

Item No.	Pkg Type	Case
8575-1L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Butanols, Methanol), 3, II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Sodium Chloride 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
8541-500ML	Clear Plastic	6
8541-1L	Clear Plastic	6
8541-4L	Clear Plastic	4

DOT: Not Regulated

Sodium Chloride 0.0141 Normal NIST Traceable Solution

Normality = 0.0138 - 0.0144 @20°C

Item No.	Pkg Type	Case
8589-500ML	Clear Plastic	12
8589-1L	Clear Plastic	6
8589-4LC	Cubitainer®	

DOT: Not Regulated

Sodium Chloride 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
8588-1L	Clear Plastic	
8588-1LAG	Amber Glass	
8588-4L	Clear Plastic	4

DOT: Not Regulated

Sodium Chloride 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8540-500ML	Clear Plastic	6
8540-1L	Clear Plastic	6
8540-4L	Clear Plastic	
8540-20L	Cubitainer®	

DOT: Not Regulated

Sodium Chloride 0.025% w/v Certified Solution

Assay = 0.0244 - 0.0256% w/v

Item No.	Pkg Type	Case
8530-4L	Clear Plastic	

DOT: Not Regulated

Sodium Chloride 0.2% w/w NIST Traceable Solution

Assay = 0.195 - 0.205% w/w

Item No.	Pkg Type	Case
SPX610 (4 L)	Clear Plastic	

DOT: Not Regulated

Sodium Chloride 0.5% w/w NIST Traceable Solution

Assay = 0.450 - 0.550% w/w

Item No.	Pkg Type	Case
ND212 (4 L)	Cubitainer®	

DOT: Not Regulated

Sodium Chloride 1.00% w/v NIST Traceable Solution

Assay = 0.997 - 1.003% w/v

Item No.	Pkg Type	Case
8582-500ML	Clear Plastic	6
8582-1L	Clear Plastic	

DOT: Not Regulated



Sodium Chloride 1.00% w/w NIST Traceable Solution

Assay = 0.9900 - 1.0100% w/v

Item No.	Pkg Type	Case
8586-250ML	Clear Plastic	
8586-500ML	Clear Plastic	

DOT: Not Regulated

Sodium Chloride 2.50% w/w Solution

Item No.	Pkg Type	Case
ND419 (500 ML)	Clear Plastic	

DOT: Not Regulated

Sodium Chloride 2.84% w/w Solution

Item No.	Pkg Type	Case
ND124 (500 ML)	Nalgene Bottle	

DOT: Not Regulated

Sodium Chloride 3.00% w/v NIST Traceable Solution

Assay = 2.900 - 3.100% w/v

Item No.	Pkg Type	Case
8584-1L	Clear Plastic	6
8584-4L	Clear Plastic	4
8584-20L	Cubitainer®	

DOT: Not Regulated

Sodium Chloride 5.0% w/v Aqueous Solution

Item No.	Pkg Type	Case
8585-500ML	Clear Plastic	6
8585-1L	Clear Plastic	6
8585-4L	Clear Plastic	4

DOT: Not Regulated

Sodium Chloride 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
8587-1L	Clear Plastic	
8587-4L	Clear Plastic	
8587-20L	Cubitainer®	

DOT: Not Regulated

Sodium Chloride 20% w/v Aqueous Solution

APHA for Iodide

Item No.	Pkg Type	Case
8591-500ML	Clear Plastic	
8591-1L	Clear Plastic	
8591-4L	Clear Plastic	4
8591-20L	Cubitainer®	4

DOT: Not Regulated

Sodium Chloride 25% w/v Aqueous Solution

Item No.	Pkg Type	Case
8592-500ML	Clear Plastic	
8592-1L	Clear Plastic	
8592-4L	Clear Plastic	
8592-200L	Poly Drum	

DOT: Not Regulated

Sodium Chloride 25% w/v Certified Solution

Assay = 24.70 - 25.30% w/v

Item No.	Pkg Type	Case
8561-20LHP	Clear Plastic	

DOT: Not Regulated

Sodium Chloride 30% w/v Aqueous Solution

APHA for Nitrate

Item No.	Pkg Type	Case
8593-500ML	Clear Plastic	
8593-1L	Clear Plastic	6
8593-4LC	Cubitainer®	4

DOT: Not Regulated

Sodium Chloride-Hydroxylamine Sulfate 12%, APHA

Item No.	Pkg Type	Case
8567-1L	Amber Glass	



DOT: Not Regulated

Sodium Chloride-Hydroxylamine Sulfate Solution (EPA 245.1)

Item No.	Pkg Type	Case
ND532 (1 L)	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydroxylamine Sulfate), 8, III

Sodium Chlorite 25% w/v Aqueous Solution

Item No.	Pkg Type	Case
SPX811 (1 L)	Amber Plastic	



DOT: UN 1496 Sodium chlorite solution, 5.1, II

Sodium Chromate 2% w/v Solution

Item No.	Pkg Type	Case
SPX427 (100 ML)	Clear Plastic	



DOT: UN 3287 Toxic liquid, inorganic, n.o.s. (Sodium Chromate), 6.1, II

Sodium Citrate Reagent ACS Grade Crystal

$\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$ F.W. 294.1 CAS# 6132-04-3

Item No.	Pkg Type	Case
S2779-500G	Clear Plastic	12
S2779-2.5KG	Clear Plastic	4
S2779-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay ($\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$)	≥ 99.0%
pH of a 5% solution at 25° C	7.0-9.0
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.003%
Sulfate (SO_4)	≤ 0.005%
Ammonia (NH_3)	≤ 0.003%
Calcium (Ca)	≤ 0.005%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

Sodium Citrate Dihydrate Laboratory Grade Crystal

$\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$ F.W. 294.1 CAS# 6132-04-3

Item No.	Pkg Type	Case
S2780-500G	Clear Plastic	12
S2780-2.5KG	Clear Plastic	4
S2780-12KG	White Pail	
S2780-50LB	Poly Lined Bag	
S2780-25KG	Poly Lined Bag	

DOT: Not Regulated

Sodium Citrate 1.5 Molar Solution

Item No.	Pkg Type	Case
ND593 (200 L)	Poly Drum	

DOT: Not Regulated

Sodium Dichromate Dihydrate Reagent ACS Grade Crystal

$\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$ F.W. 298 CAS# 7789-12-0

Item No.	Pkg Type	Case
S2835-125G	Clear Plastic	
S2835-500G	Clear Plastic	
S2835-2.5KG	Clear Plastic	4
S2835-12KG	White Pail	



DOT: UN 3288 Toxic solid, inorganic, n.o.s. (Sodium Dichromate Dihydrate), 6.1, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Specifications

Assay	99.5 - 100.5%
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.005%
Sulfate (SO_4)	≤ 0.01%
Calcium (Ca)	≤ 0.003%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.01%
Aluminum (Al)	≤ 0.002%

Sodium Dichromate Dihydrate Laboratory Grade Granular

$\text{Na}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$ F.W. 298 CAS# 7789-12-0

Item No.	Pkg Type	Case
S2838-500G	Clear Plastic	
S2838-2.5KG	Clear Plastic	4
S2838-12KG	White Pail	



DOT: UN 3288 Toxic solid, inorganic, n.o.s. (Sodium Dichromate Dihydrate), 6.1, III

 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Sodium Diethyldithiocarbamate 1.0 g/L Aqueous Solution

Item No.	Pkg Type	Case
8597-1L	Clear Plastic	
8597-4L	Clear Plastic	

Sodium Fluoride Reagent ACS Grade Powder

NaF F.W. 41.99 CAS# 7681-49-4

Item No.	Pkg Type	Case
S2913-2.5KG	Clear Plastic	4
S2913-12KG	White Pail	



DOT: UN 1690 Sodium fluoride, solid, 6.1, III

Specifications

Assay	≥ 99% NaF
Loss on drying at 150°C	≤ 0.3%
Chloride (Cl)	≤ 0.005%
Titration acid	≤ 0.03% meq/g
Titration base	≤ 0.01% meq/g
Sodium fluosilicate (Na_2SiF_6)	≤ 0.1%
Sulfate (SO_4)	≤ 0.03%
Sulfite (SO_3)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.003%
Iron (Fe)	≤ 0.003%
Potassium (K)	≤ 0.02%
Insoluble matter	≤ 0.02%

Sodium Formate Reagent ACS Grade

HCOONa F.W. 68.01 CAS# 141-53-7

Item No.	Pkg Type	Case
S2916-500G	Clear Plastic	



DOT: Not Regulated

Specifications

Assay (HCOONa)	≥ 99.0%
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Sulfate (SO_4)	≤ 0.001%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 5 ppm
Heavy metals (as Pb)	≤ 5 ppm

Sodium Gluconate Laboratory Grade

$\text{CH}_2\text{OH}(\text{CHOH})_4\text{COONa}$ F.W. 218.14 CAS# 527-07-1

Item No.	Pkg Type	Case
S2920-500G	Clear Plastic	
S2920-2.5KG	Clear Plastic	

DOT: Not Regulated



Sodium Hydroxide Reagent ACS Grade Pellets

NaOH	F.W. 40	CAS# 1310-73-2
Item No.	Pkg Type	Case
S2927-125G	Clear Plastic	12
S2927-500G	Clear Plastic	12
S2927-1KG	Clear Plastic	6
S2927-2.5KG	Clear Plastic	4
S2927-12KG	White Pail	
S2927-20KG	White Pail	
S2927-50KG	Fiber Drum	



DOT: UN 1823 Sodium hydroxide, solid, 8, II

Specifications

Assay	≥ 97.0%
Sodium Carbonate (Na ₂ CO ₃)	≤ 1.0%
Chloride (Cl)	≤ 0.005%
Nitrogen Compounds (as N)	≤ 0.001%
Phosphate (PO ₄)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.003%
Heavy Metals (as Ag)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Mercury (Hg)	≤ 0.1 ppm
Nickel (Ni)	≤ 0.001%
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.002%
Potassium (K)	≤ 0.02%

Sodium Hydroxide Laboratory Grade Pellets

NaOH	F.W. 40	CAS# 1310-73-2
Item No.	Pkg Type	Case
S2929-100G	Clear Plastic	
S2929-500G	Clear Plastic	12
S2929-2.5KG	Clear Plastic	4
S2929-12KG	White Pail	



DOT: UN 1823 Sodium hydroxide, solid, 8, II

Sodium Hydroxide Technical Grade Flake

NaOH	F.W. 40	CAS# 1310-73-2
Item No.	Pkg Type	Case
S2935-500G	Clear Plastic	12
S2935-2.5KG	Clear Plastic	4
S2935-12KG	White Pail	
S2935-25KG	Lined Bag	



DOT: UN 1823 Sodium hydroxide, solid, 8, II

Sodium Hydroxide 0.05% w/v Aqueous Solution

Item No.	Pkg Type	Case
8594-500ML	Clear Plastic	6
8594-1L	Clear Plastic	6
8594-4L	Clear Plastic	4
8594-20L	Cubitainer®	

DOT: Not Regulated

Sodium Hydroxide 0.05% w/w Solution NIST Traceable

Assay = 0.0490 - 0.0510% w/w

Item No.	Pkg Type	Case
8658-4L	Clear Plastic	
8658-4LC	Cubitainer®	

Sodium Hydroxide 0.5% w/w Solution NIST Traceable

Assay = 0.4975 - 0.5025% w/w

Item No.	Pkg Type	Case
8664-1L	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 1.0% w/v Aqueous Solution

Item No.	Pkg Type	Case
8599-500ML	Clear Plastic	6
8599-1L	Clear Plastic	6
8599-4L	Clear Plastic	4
8599-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 2.0% w/v Solution NIST Traceable

Assay = 1.990 - 2.010% w/w

Item No.	Pkg Type	Case
8633-500ML	Clear Plastic	6
8633-1L	Clear Plastic	6
8633-4L	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 2.0% w/w Certified Solution

Assay = 1.9900 - 2.0100% w/w

Item No.	Pkg Type	Case
8631-500ML	Clear Plastic	6
8631-1L	Clear Plastic	6
8631-4L	Clear Plastic	4



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 2.5% w/v Solution NIST Traceable

Assay = 2.496 - 2.504% w/w

Item No.	Pkg Type	Case
8673-4LC	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 5.0% w/v Solution NIST Traceable

Assay = 4.96 - 5.04% w/w

Item No.	Pkg Type	Case
8601-500ML	Clear Plastic	
8601-1L	Clear Plastic	
8601-4L	Clear Plastic	4
8601-20L	Cubitainer®	
8601-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 5.0% w/w NIST Traceable Solution

Assay = 4.900 - 5.100% w/w

Item No.	Pkg Type	Case
8611-500ML	Clear Plastic	6
8611-1L	Clear Plastic	
8611-4L	Clear Plastic	
8611-20L	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 10% w/v NIST Traceable Solution

Assay = 9.900 - 10.100% w/v

Item No.	Pkg Type	Case
8596-500ML	Clear Plastic	6
8596-1L	Clear Plastic	6
8596-4L	Clear Plastic	4
8596-4LC	Cubitainer®	4
8596-10LC	Cubitainer®	
8596-10LHP	Clear Plastic	
8596-20L	Cubitainer®	
8596-22GAL	Poly Drum	
8596-30GAL	Poly Drum	
8596-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 10% w/w NIST Traceable Solution

Assay = 9.950 - 10.050% w/w

Item No.	Pkg Type	Case
8602-500ML	Clear Plastic	6
8602-1L	Clear Plastic	6
8602-4L	Clear Plastic	4
8602-10L	Cubitainer®	
8602-10LHP	Clear Plastic	
8602-20L	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 18.0% w/w NIST Traceable Solution

Assay = 17.90 - 18.10% w/w

Item No.	Pkg Type	Case
8661-10L	Cubitainer®	
8661-20L	Cubitainer®	
8661-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 20% w/v Aqueous Solution

Assay = 19.90 - 20.10% w/v

Item No.	Pkg Type	Case
8600-125ML	Clear Plastic	
8600-500ML	Clear Plastic	6
8600-1L	Clear Plastic	6
8600-4L	Clear Plastic	4
8600-4LC	Cubitainer®	
8600-20L	Cubitainer®	
8600-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 25% w/v Certified Solution

Assay = 24.70 - 25.30% w/v

Item No.	Pkg Type	Case
8678-500ML	Clear Plastic	
8678-1L	Clear Plastic	6
8678-4L	Clear Plastic	4
8678-20L	Cubitainer®	
8678-20LHP	Clear Plastic	
8678-30GAL	Poly Drum	
8678-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 25% w/w NIST Traceable Solution

Assay = 24.70 - 25.30% w/w

Item No.	Pkg Type	Case
8603-500ML	Clear Plastic	6
8603-1L	Clear Plastic	6
8603-4L	Clear Plastic	4
8603-4LC	Cubitainer®	
8603-20L	Cubitainer®	
8603-30GAL	Poly Drum	
8603-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 30% w/v NIST Traceable Solution

Assay = 29.00 - 31.00% w/v

Item No.	Pkg Type	Case
8677-4L	Clear Plastic	4
8677-30GAL	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 30% w/w NIST Traceable Solution

Assay = 29.70 - 30.30% w/w

Item No.	Pkg Type	Case
8606-500ML	Clear Plastic	6
8606-1L	Clear Plastic	6
8606-4L	Clear Plastic	4
8606-4LC	Cubitainer®	
8606-20L	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 33% w/w NIST Traceable Solution

Assay = 32.60 - 33.40% w/w

Item No.	Pkg Type	Case
SPE735 (20 L)	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 40% w/v NIST Traceable Solution

Assay = 39.80 - 40.20% w/v

Item No.	Pkg Type	Case
8604-1L	Clear Plastic	6
8604-4L	Clear Plastic	4
8604-10L	Cubitainer®	
8604-20L	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, II



Sodium Hydroxide 40% w/w Aqueous Solution

Assay = 39.60 - 40.40% w/w

Item No.	Pkg Type	Case
8674-1L	Clear Plastic	6
8674-4L	Clear Plastic	4
8674-10L	Cubitainer®	
8674-20L	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 50% w/v Aqueous Solution

Assay = 49.80 - 50.20% w/v

Item No.	Pkg Type	Case
8619-1L	Clear Plastic	6
8619-4L	Clear Plastic	4
8619-20L	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 50% w/w APHA for Kjeldahl Nitrogen

Item No.	Pkg Type	Case
S2923-1L	Clear Plastic	6



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide Solution 50% w/w Reagent Grade

Item No.	Pkg Type	Case
S2924-250ML	Clear Plastic	
S2924-500ML	Clear Plastic	6
S2924-1L	Clear Plastic	6
S2924-4L	Clear Plastic	4
S2924-4LC	Cubitainer®	4
S2924-10L	Clear Plastic	
S2924-10LC	Cubitainer®	
S2924-20L	Clear Plastic	
S2924-20L(CUBE)	Cubitainer®	
S2924-15GAL	Poly Drum	
S2924-30GAL	Poly Drum	
S2924-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Specifications

Ammonium Hydroxide Precipitate, Wt%	≤ 0.01%
Assay (NaOH), Wt%	50- 52% w/w
Assay (Sodium Carbonate), Wt%	≤ 0.25%
Chloride (Cl), Wt%	≤ 0.005%
Color, APHA	20 Max
Heavy metals (as Ag), Wt%	≤ 0.002%
Iron (Fe), Wt%	≤ 0.0005%
Nickle (Ni), Wt%	≤ 0.0005%
Nitrogen compounds (as N), Wt%	≤ 0.0005%
Phosphate (PO ₄), Wt%	≤ 0.0005%
Potassium (K), Wt%	≤ 0.025%
Sulfate (SO ₄), Wt%	≤ 0.003%

Sodium Hydroxide 0.001 N NIST Traceable Solution

Normality = 0.0007 - 0.0013 @20°C

Item No.	Pkg Type	Case
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8662-1L Clear Plastic

DOT: Not Regulated

Sodium Hydroxide 0.005 Normal NIST Traceable Solution

Normality = 0.0047 - 0.0053 @20°C

Item No.	Pkg Type	Case
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8552-1L Clear Plastic

8552-1LG Amber Glass

DOT: Not Regulated

Sodium Hydroxide 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
8608-100ML	Clear Plastic	
8608-500ML	Clear Plastic	6
8608-1L	Clear Plastic	6
8608-1LG	Amber Glass	
8608-4L	Clear Plastic	4
8608-4LC	Cubitainer®	4
8608-4LG	Amber Glass	
8608-10L	Cubitainer®	
8608-20L	Cubitainer®	

DOT: Not Regulated

Sodium Hydroxide 0.01 Normal in IPA, NIST Traceable

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
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8607-1L Clear Plastic



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Sodium Hydroxide 0.01 Normal in Methanol NIST Traceable

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
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8609-500ML Clear Plastic

8609-1L Clear Plastic

8609-4L Clear Plastic 4

8609-4LG Amber Glass



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Sodium Hydroxide 0.02 Normal NIST Traceable Solution

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
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8610-500ML Clear Plastic 6

8610-1L Clear Plastic 6

8610-4L Clear Plastic 4

8610-4LC Cubitainer® 4

8610-4LG Amber Glass

8610-10L Cubitainer®

8610-20L Cubitainer®

DOT: Not Regulated

Sodium Hydroxide 0.0227 Normal NIST Traceable Solution

Normality = 0.0222 - 0.0232 @20°C

Item No.	Pkg Type	Case
8615-500ML	Clear Plastic	6
8615-1L	Clear Plastic	6
8615-4L	Clear Plastic	4
8615-20L	Cubitainer®	

DOT: Not Regulated

Sodium Hydroxide 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
8612-500ML	Clear Plastic	12
8612-1L	Clear Plastic	
8612-4L	Clear Plastic	

DOT: Not Regulated

Sodium Hydroxide 0.05 Normal NIST Traceable Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
8620-500ML	Clear Plastic	6
8620-1L	Clear Plastic	6
8620-4L	Clear Plastic	4
8620-4LC	Cubitainer®	4
8620-10L	Cubitainer®	
8620-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.05 Normal in Methanol NIST Traceable

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
8621-1L	Clear Plastic	
8621-4L	Clear Plastic	
8621-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Sodium Hydroxide 0.05 Molar NIST Traceable Solution ASTM D1266

Molarity = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
8617-1L	Clear Plastic	6
8617-4L	Clear Plastic	4



DOT: Not Regulated

Sodium Hydroxide 0.0624 Molar (Normal) NIST Traceable Solution

Molarity = 0.0623 - 0.0625 @20°C

Item No.	Pkg Type	Case
8616-1L	Clear Plastic	



Sodium Hydroxide 0.0866 Normal NIST Traceable Solution ASTM D240

Normality = 0.0863 - 0.0869 @20°C

Item No.	Pkg Type	Case
SPE175A (1 L)	Clear Plastic	
SPE175 (4 L)	Clear Plastic	



DOT: Not Regulated

Sodium Hydroxide 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8625-500ML	Clear Plastic	6
8625-1L	Clear Plastic	6
8625-2.5L	Coated Glass	
8625-4L	Clear Plastic	4
8625-4LC	Cubitainer®	4
8625-10L	Cubitainer®	
8625-20L	Cubitainer®	
8625-200L	Poly Drum	



DOT: Not Regulated

Sodium Hydroxide 0.1 Normal in Ethanol, NIST Traceable

Normality = 0.0992 - 0.1008 @20°C

Item No.	Pkg Type	Case
8627-1L	Clear Plastic	
8627-4L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Sodium Hydroxide 0.1 Normal in IPA, NIST Traceable

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8632-1L	Amber Glass	6
8632-4L	Amber Glass	4



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Sodium Hydroxide 0.1 Normal in Methanol NIST Traceable

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8628-1L	Clear Plastic	6
8628-4L	Clear Plastic	4
8628-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Sodium Hydroxide 0.125 Normal NIST Traceable Solution

Normality = 0.1245 - 0.1255 @20°C

Item No.	Pkg Type	Case
8626-1L	Clear Plastic	6
8626-4L	Clear Plastic	4



DOT: Not Regulated



Sodium Hydroxide 0.1667 Normal NIST Traceable Solution

Normality = 0.1664 - 0.1670 @20°C

Item No.	Pkg Type	Case
8643-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.2 Normal NIST Traceable Solution

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
8630-500ML	Clear Plastic	6
8630-1L	Clear Plastic	6
8630-4L	Clear Plastic	4
8630-4LC	Cubitainer®	
8630-4LG	Amber Glass	
8630-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.2 Normal in Methanol, NIST Traceable

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
8641-4L	Clear Plastic	
8641-20L	Cubitainer®	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Sodium Hydroxide 0.25 Normal NIST Traceable Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
8635-500ML	Clear Plastic	6
8635-1L	Clear Plastic	6
8635-4L	Clear Plastic	4
8635-4LC	Cubitainer®	4
8635-4LG	Amber Glass	
8635-10L	Cubitainer®	
8635-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.27 Normal NIST Traceable Solution

Normality = 0.2695 - 0.2705 @20°C

Item No.	Pkg Type	Case
8636-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.3 Normal NIST Traceable Solution

Normality = 0.2995 - 0.3005 @20°C

Item No.	Pkg Type	Case
8637-1L	Clear Plastic	6
8637-1LG	Amber Glass	
8637-4L	Clear Plastic	4
8637-4LC	Cubitainer®	
8637-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.3125 Normal NIST Traceable Solution

Normality = 0.3120 - 0.3130 @20°C

Item No.	Pkg Type	Case
8642-1L	Clear Plastic	6
8642-4L	Clear Plastic	
8642-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.313 Normal NIST Traceable Solution

Normality = 0.3125 - 0.3135 @20°C

Item No.	Pkg Type	Case
8638-1L	Clear Plastic	
8638-4L	Clear Plastic	4
8638-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.324 Normal NIST Traceable Solution

Normality = 0.3235 - 0.3245 @20°C

Item No.	Pkg Type	Case
SPX192 (20 L)	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.333 Normal NIST Traceable Solution

Normality = 0.3325 - 0.3335 @20°C

Item No.	Pkg Type	Case
8639-1L	Clear Plastic	
8639-4L	Clear Plastic	4
8639-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.4 Normal NIST Traceable Solution

Normality = 0.3995 - 0.4005 @20°C

Item No.	Pkg Type	Case
8640-1L	Clear Plastic	6
8640-4L	Clear Plastic	4
8640-20L	Cubitainer®	



DOT: Not Regulated

Sodium Hydroxide 0.45 Normal NIST Traceable Solution

Normality = 0.4495 - 0.4505 @20°C

Item No.	Pkg Type	Case
8659-1L	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 0.5 Normal NIST Traceable Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
8645-500ML	Clear Plastic	6
8645-1L	Clear Plastic	6
8645-1L	Amber Glass	
8645-4L	Clear Plastic	4
8645-4LC	Cubitainer®	4
8645-10L	Cubitainer®	
8645-10LHP	Clear Plastic	
8645-20L	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 0.5 Normal in Methanol NIST Traceable

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
8647-500ML	Clear Plastic	
8647-1L	Clear Plastic	6
8647-4L	Clear Plastic	4
8647-4LC	Cubitainer®	
8647-20L	Cubitainer®	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Methanol, Sodium Hydroxide), 3(8), II

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Sodium Hydroxide 0.6 Normal NIST Traceable Solution

Normality = 0.5995 - 0.6005 @20°C

Item No.	Pkg Type	Case
8644-1L	Clear Plastic	6
8644-4L	Clear Plastic	4
8644-20L	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 0.66 Normal NIST Traceable Solution

Normality = 0.6595 - 0.6605 @20°C

Item No.	Pkg Type	Case
8648-1L	Clear Plastic	6
8648-4L	Clear Plastic	4
8648-4LC	Cubitainer®	4
8648-10L	Cubitainer®	
8648-10LHP	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 0.8 Molar (Normal) NIST Traceable Solution

Molarity = 0.7995 - 0.8005 @20°C

Item No.	Pkg Type	Case
8646-1L	Clear Plastic	6



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 1.0 Normal NIST Traceable Solution

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
8650-500ML	Clear Plastic	6
8650-1L	Clear Plastic	6
8650-4L	Clear Plastic	4
8650-4LC	Cubitainer®	4
8650-4LG	Amber Glass	4
8650-10L	Cubitainer®	
8650-10LHP	Clear Plastic	
8650-20L	Cubitainer®	
8650-20LHP	Clear Plastic	
8650-60L	Poly Drum	
8650-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 1.2 Normal Low Carbonate Solution

Normality = 1.1990 - 1.2010 @20°C

Item No.	Pkg Type	Case
8667-1L	Clear Plastic	
8667-4L	Clear Plastic	
8667-4LC	Cubitainer®	
8667-10LHP	Clear Plastic	
8667-20L	Cubitainer®	
8667-20LHP	Clear Plastic	
8667-15GAL	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, III

Sodium Hydroxide 1.5 Normal NIST Traceable Solution

Normality = 1.4991 - 1.5009 @20°C

Item No.	Pkg Type	Case
8654-1L	Clear Plastic	6
8654-4L	Clear Plastic	4
8654-4LC	Cubitainer®	4



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 2.0 Normal NIST Traceable Solution

Normality = 1.9990 - 2.0010 @20°C

Item No.	Pkg Type	Case
8653-500ML	Clear Plastic	
8653-1L	Clear Plastic	6
8653-4L	Clear Plastic	
8653-4LC	Cubitainer®	
8653-10L	Cubitainer®	
8653-20L	Cubitainer®	
8653-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II



Sodium Hydroxide 2.5 Normal NIST Traceable Solution

Normality = 2.4980 - 2.5020 @20°C

Item No.	Pkg Type	Case
8655-500ML	Clear Plastic	6
8655-1L	Clear Plastic	6
8655-4L	Clear Plastic	4
8655-20L	Cubitainer®	
8655-30GAL	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 3.0 Normal NIST Traceable Solution

Normality = 2.9950 - 3.0050 @20°C

Item No.	Pkg Type	Case
8656-500ML	Clear Plastic	6
8656-1L	Clear Plastic	6
8656-4L	Clear Plastic	4
8656-20L	Cubitainer®	
8656-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 4.0 Normal NIST Traceable Solution

Normality = 3.9950 - 4.0050 @20°C

Item No.	Pkg Type	Case
8657-1L	Clear Plastic	
8657-4L	Clear Plastic	
8657-4LC	Cubitainer®	4
8657-20L	Cubitainer®	
8657-20LNP	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 5.0 Normal NIST Traceable Solution

Normality = 4.9900 - 5.0100 @20°C

Item No.	Pkg Type	Case
8660-500ML	Clear Plastic	6
8660-500MLG	Amber Glass	
8660-1L	Clear Plastic	6
8660-4L	Clear Plastic	4
8660-4LC	Cubitainer®	
8660-10L	Cubitainer®	
8660-20L	Cubitainer®	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 6.0 Normal NIST Traceable Solution

Normality = 5.9700 - 6.0300 @20°C

Item No.	Pkg Type	Case
8665-250ML	Clear Plastic	
8665-500ML	Clear Plastic	6
8665-1L	Clear Plastic	6
8665-4L	Clear Plastic	4
8665-4LG	Amber Glass	
8665-10L	Cubitainer®	
8665-20L	Cubitainer®	
8665-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 7.0 Normal NIST Traceable Solution

Normality = 6.995 - 7.005 @20°C

Item No.	Pkg Type	Case
8683-1L	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 8.0 Normal NIST Traceable Solution

Normality = 7.9700 - 8.0300 @20°C

Item No.	Pkg Type	Case
8668-1L	Clear Plastic	
8668-4L	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 10.0 Normal NIST Traceable Solution

Normality = 9.950 - 10.050 @20°C

Item No.	Pkg Type	Case
8670-500ML	Clear Plastic	6
8670-1L	Clear Plastic	6
8670-2.4L	Clear Plastic	6
8670-4L	Clear Plastic	4
8670-4LC	Cubitainer®	4
8670-20L	Cubitainer®	
8670-200L	Poly Drum	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 20 Degree Baume Solution

Item No.	Pkg Type	Case
8672-500ML	Clear Plastic	6
8672-1L	Clear Plastic	6
8672-4L	Clear Plastic	4



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 40.0% w/v with 2.5% w/v Sodium Thiosulfate

Item No.	Pkg Type	Case
8688-20L	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, II

Sodium Hydroxide 50%, Sodium Thiosulfate 2.5%, APHA for Nitrogen

APHA for Nitrogen

Item No.	Pkg Type	Case
8690-1L	Clear Plastic	
8690-4L	Clear Plastic	
8690-10L	Cubitainer®	
8690-20L	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, II

Sodium Hydroxide 40.0 g/L ASTM E200

Item No.	Pkg Type	Case
8624-1L	Clear Plastic	
8624-4L	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hydroxide 240 g/L Solution ASTM D128

Item No.	Pkg Type	Case
8663-1L	Clear Plastic	
8663-4L	Clear Plastic	



DOT: UN 1824 Sodium hydroxide solution, 8, II

Sodium Hypochlorite 2% w/w Certified Solution

Assay = 2.00 - 2.50% w/w

Item No.	Pkg Type	Case
SPE994 (1 L)	Amber Plastic	6



DOT: UN 1791 Hypochlorite solution, 8, III

Sodium Hypochlorite ~ 7.5% Solution

Item No.	Pkg Type	Case
S2994-500ML	Amber Plastic	
S2994-1L	Amber Plastic	
S2994-4L	Amber Plastic	
S2994-20L	Cubitainer®	



DOT: UN 1791 Hypochlorite solution, 8, III

Sodium Iodide Reagent Grade Granular

NaI F.W. 149.89 CAS# 7681-82-5

Item No.	Pkg Type	Case
S3049-30G	Clear Plastic	
S3049-125G	Clear Plastic	
S3049-500G	Clear Plastic	
S3049-2.5KG	Clear Plastic	
S3049-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (Anhydrous)	99.0 - 101.5%
Identification	To pass test
Alkalinity	To pass test
Water	≤ 2.0%
Iodate	≤ 4.0 ppm
Thiosulfate and barium	To pass test
Potassium	To pass test
Heavy metals	≤ 0.001%
Nitrate, nitrite and ammonia	To pass test

Sodium Iodide Laboratory Grade Granular

NaI F.W. 149.89 CAS# 7681-82-5

Item No.	Pkg Type	Case
S3050-125G	Clear Plastic	
S3050-500G	Clear Plastic	
S3050-2.5KG	Clear Plastic	



DOT: Not Regulated

Sodium Iodide Saturated In IPA

Item No.	Pkg Type	Case
8708-1L	Amber Glass	6
8708-4L	Amber Glass	4



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Sodium Iodide 0.1 Molar Solution

Item No.	Pkg Type	Case
SPE180 (500 ML)	Amber Plastic	



DOT: Not Regulated

Sodium Ionic Strength Adjuster See Ammonium Hydroxide 4M- Ammonium Chloride 4M

Sodium Lauryl Sulfate (Dodecyl Sodium Sulfate), Laboratory Grade Powder

CH₃(CH₂)₁₁OSO₃Na F.W. 288.38 CAS# 151-21-3

Item No.	Pkg Type	Case
S3095-500G	Clear Plastic	12
S3095-2.5KG	White Pail	



DOT: UN 1325 Flammable solids, organic, n.o.s. (Sodium dodecyl sulphate), 4.1, III

Sodium Lauryl Sulfate 10% w/v Solution

Item No.	Pkg Type	Case
8696-500ML	Clear Plastic	
8696-1L	Clear Plastic	



DOT: Not Regulated



Sodium Metabisulfite Reagent ACS Grade Granular

Na₂S₂O₅ F.W. 190.11 CAS# 7681-57-4

Item No.	Pkg Type	Case
S3108-500G	Clear Plastic	
S3108-2.5KG	Clear Plastic	
S3108-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 97.0% Na ₂ S ₂ O ₅
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.05%
Thiosulfate (S ₂ O ₃)	≤ 0.05%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.002%

Sodium Methoxide 0.1 Normal in Toluene

Normality = 0.0900 - 0.1100 @20°C

Item No.	Pkg Type	Case
ND226 (2 X 60 ML)	Amber Glass	
ND226A (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene, Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Sodium Methoxide 0.5 Molar in Methanol

Item No.	Pkg Type	Case
8697-1L	Amber Glass	
8697-100ML	Amber Glass	6



DOT: UN2924 Flammable liquid, Corrosive n.o.s. (Methanol, Sodium Methylate), 3 (8), II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Sodium Molybdate Dihydrate Reagent ACS Grade Powder

MoNa₂O₄•2H₂O F.W. 241.95 CAS# 10102-40-6

Item No.	Pkg Type	Case
S3163-125G	Clear Plastic	
S3163-500G	Clear Plastic	
S3163-2.5KG	Clear Plastic	
S3163-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay (as Na ₂ MoO ₄ • 2H ₂ O)	99.5 - 103.0%
pH of a 5% solution	7.0 - 10.5
Insoluble Matter	≤ 0.005%
Chloride (Cl)	≤ 0.005%
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.015%
Ammonium (NH ₄)	≤ 0.001%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%

Sodium Nitrate Reagent ACS Grade Crystal

NaNO₃ F.W. 84.9947 CAS# 7631-99-4

Item No.	Pkg Type	Case
S3222-500G	Clear Plastic	12
S3222-2.5KG	Clear Plastic	4
S3222-12KG	White Pail	



DOT: UN 1498 Sodium nitrate, 5.1, III

Specifications

Assay	≥ 99.0% NaNO ₃
pH of a 5% solution	5.5-8.3 at 25°C
Insoluble matter	≤ 0.005%
Chloride	≤ 0.001%
Iodate (IO ₃)	≤ 5 ppm
Nitrite (NO ₂)	≤ 0.001%
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.003%
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 3 ppm

Sodium Nitrate Laboratory Grade Granular

NaNO₃ F.W. 84.9947 CAS# 7631-99-4

Item No.	Pkg Type	Case
S3234-500G	Clear Plastic	12
S3234-2.5KG	Clear Plastic	4
S3234-12KG	White Pail	



DOT: UN 1498 Sodium nitrate, 5.1, III

Sodium Nitrate 5.0 Molar Aqueous Solution

Item No.	Pkg Type	Case
8698-500ML	Clear Plastic	
8698-1L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Nitrate), 5.1, III

Sodium Nitrite Laboratory Grade Granular

NaNO₂ F.W. 69 CAS# 7632-00-0

Item No.	Pkg Type	Case
S3240-500G	Clear Plastic	
S3240-2.5KG	Clear Plastic	
S3240-12KG	White Pail	
S3240-50LB		



DOT: UN 1500 Sodium nitrite, 5.1(6.1), III

Sodium Nitrite 2% w/v Solution

Item No.	Pkg Type	Case
8707-500ML	Amber Plastic	

DOT: Not Regulated

Sodium Nitrite 5% w/w Solution APHA for Manganese

APHA for Manganese

Item No.	Pkg Type	Case
8703-500ML	Amber Plastic	



DOT: UN 3219 Nitrites, inorganic, aqueous solution, n.o.s. (Sodium Nitrite), 5.1, III

Sodium Nitroprusside Reagent ACS Grade

$\text{Na}_2\text{Fe}(\text{CN})_5\text{NO}\cdot 2\text{H}_2\text{O}$ F.W. 297.95 CAS# 13755-38-9

Item No.	Pkg Type	Case
S3245-10G	Amber Glass	
S3245-125G	Amber Glass	



DOT: UN 3288 Toxic solid, inorganic, n.o.s. (Sodium Nitroprusside Dihydrate), 6.1, III

Specifications

Assay ($\text{Na}_2\text{Fe}(\text{CN})_5\text{NO}\cdot 2\text{H}_2\text{O}$)	≥ 99.0-102.0%
Insoluble Matter	≤ 0.01%
Chloride (Cl)	≤ 0.02%
Sulfate (SO_4)	Passes test

Sodium Oxalate Reagent ACS Grade Powder

NaOCCOONa F.W. 134 CAS# 62-76-0

Item No.	Pkg Type	Case
S3350-125G	Clear Plastic	12
S3350-500G	Clear Plastic	12
S3350-2.5KG	Clear Plastic	4
S3350-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay	≥ 99.5% (COONa) ₂
Insoluble matter	≤ 0.005%
Loss on drying at 105° C	≤ 0.01%
Neutrality	Passes test
Chloride (Cl)	≤ 0.002%
Sulfate (SO_4)	≤ 0.002%
Ammonium (NH_4)	≤ 0.002%
Heavy metals (as Pb)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Potassium (K)	≤ 0.005%
Substances darkened by hot sulfuric acid	Passes test

Sodium Oxalate 0.1 Molar Solution

Molarity = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8700-500ML	Clear Plastic	6
8700-1L	Clear Plastic	6
8700-20L	Cubitainer®	

DOT: Not Regulated

Sodium Oxalate 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8702-500ML	Clear Plastic	
8702-1L	Clear Plastic	
8702-10L	Cubitainer®	

DOT: Not Regulated

Sodium Perchlorate Monohydrate Reagent ACS Grade

$\text{ClNaO}_4\cdot \text{H}_2\text{O}$ F.W. 140.46 CAS# 7791-07-3

Item No.	Pkg Type	Case
S3359-500G	Clear Plastic	
S3359-2.5KG	Clear Plastic	4
S3359-10KG	White Pail	



DOT: UN 1502 Sodium perchlorate, 5.1, II

Specifications

Assay ($\text{NaClO}_4\cdot \text{H}_2\text{O}$)	85.0 - 90.0%
pH of a 5% Solution 25°C	6.0 - 8.0
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.003%
Sulfate (SO_4)	≤ 0.002%
Calcium (Ca)	≤ 0.02%
Potassium (K)	≤ 0.05%
Heavy Metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

Sodium Perchlorate Electrolyte ASTM D2896

Item No.	Pkg Type	Case
8706-250ML	Clear Plastic	



DOT: UN 3098 Oxidizing liquid, corrosive, n.o.s. (Sodium Perchlorate Monohydrate, Acetic Acid, Glacial), 5.1(8), II

Sodium Periodate, Meta Reagent ACS Granular

NaIO_4 F.W. 213.89 CAS# 7790-28-5

Item No.	Pkg Type	Case
S3362-125G	Amber Glass	
S3362-500G	Amber Glass	12



DOT: UN 1479 Oxidizing solid, n.o.s. (Sodium Periodate), 5.1, III

Specifications

Assay (dried basis)	99.8 - 100.3% NaIO_4
Other halogens (as Cl)	≤ 0.02%
Manganese (Mn)	≤ 3 ppm

Sodium Persulfate Purified, Powder

$\text{Na}_2\text{S}_2\text{O}_8$ F.W. 238.1 CAS# 7775-27-1

Item No.	Pkg Type	Case
S3400-500G	Clear Plastic	12
S3400-1KG	Clear Plastic	
S3400-5LB	Clear Plastic	4
S3400-2.5KG	Clear Plastic	4
S3400-12KG	White Pail	
S3400-20KG	White Pail	
S3400-25KG	White Pail	



DOT: UN 1505 Sodium persulfate, 5.1, III

Sodium Persulfate 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
8730-1L	Clear Plastic	6
8730-4L	Clear Plastic	4
8730-4LC	Cubitainer®	4
8730-10L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III

Sodium Persulfate 20% w/v Aqueous Solution

Item No.	Pkg Type	Case
8732-1L	Clear Plastic	6



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III



Sodium Persulfate 30% w/v Aqueous Solution

Item No.	Pkg Type	Case
8736-4L	Clear Plastic	
8736-10L	Clear Plastic	
8736-20L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III

Sodium Persulfate 0.4 Molar Aqueous Solution

Item No.	Pkg Type	Case
8721-10L	Clear Plastic	
8721-20L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III

Sodium Persulfate 0.7 Molar Aqueous Solution

Item No.	Pkg Type	Case
8717-10L	Clear Plastic	
8717-20L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III

Sodium Persulfate 0.8 Molar Aqueous Solution

Item No.	Pkg Type	Case
8716-10L	Clear Plastic	
8716-20L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III

Sodium Persulfate 1.0 Molar Aqueous Solution

Item No.	Pkg Type	Case
8725-1L	Clear Plastic	6
8725-4L	Clear Plastic	4
8725-10L	Clear Plastic	
8725-20L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III

Sodium Persulfate 1.2 Molar Aqueous Solution

Item No.	Pkg Type	Case
8726-20L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III

Sodium Persulfate 1.5 Molar Aqueous Solution

Item No.	Pkg Type	Case
8728-1L	Clear Plastic	6
8728-4L	Clear Plastic	4
8728-10L	Clear Plastic	
8728-20L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III

Sodium Persulfate 1.6 Molar Aqueous Solution

Item No.	Pkg Type	Case
8729-10L	Clear Plastic	
8729-20L	Clear Plastic	



DOT: UN 3139 Oxidizing liquid, n.o.s. (Sodium Persulfate), 5.1, III

Sodium Phenate Reagent APHA & EPA 350.1 for Ammonia

Item No.	Pkg Type	Case
8710-500ML	Amber Glass	
8710-1L	Amber Glass	



DOT: UN 3289 Toxic liquid, corrosive, inorganic, n.o.s. (Phenol, Sodium Hydroxide), 6.1(8), II

Sodium Phosphate Dibasic Heptahydrate Reagent ACS Grade Crystal

$\text{HNa}_2\text{O}_4 \cdot 7\text{H}_2\text{O}$ F.W. 268.07 CAS# 7782-85-6

Item No.	Pkg Type	Case
S3424-500G	Clear Plastic	12
S3424-2.5KG	Clear Plastic	4
S3424-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay as $\text{Na}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$	98.0 - 102.0%
pH of a 5% solution at 25°C	8.7 - 9.3
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.001%
Sulfate (SO_4)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%

Sodium Phosphate Dibasic Anhydrous Reagent ACS Grade Granular

Na_2HPO_4 F.W. 141.96 CAS# 7558-79-4

Item No.	Pkg Type	Case
S3484-125G	Clear Plastic	12
S3484-500G	Clear Plastic	12
S3484-2.5KG	Clear Plastic	4
S3484-12KG	White Pail	
S3484-50KG	Fiber Drum	

DOT: Not Regulated

Specifications

Sulfate (SO_4)	≤ 0.005%
Heavy Metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.002%
Assay (Na_2HPO_4)	≥ 99.0%
pH of a 5% solution @25°C	8.7 - 9.3
Insoluble matter	≤ 0.01%
Loss on drying @ 105°C	≤ 0.2%
Chloride (Cl)	≤ 0.002%

Sodium Phosphate Dibasic Anhydrous Laboratory Grade Granular

Na_2HPO_4 F.W. 141.96 CAS# 7558-79-4

Item No.	Pkg Type	Case
S3434-500G	Clear Plastic	
S3434-2.5KG	Clear Plastic	
S3434-12KG	White Pail	

DOT: Not Regulated

Sodium Phosphate Hexameta Anhydrous 99%, Reagent Grade

$\text{Na}_6\text{P}_6\text{O}_{18}$ F.W. 611.52 CAS# 10124-56-8

Item No.	Pkg Type	Case
S3413-500G	Clear Plastic	

DOT: Not Regulated

Sodium Phosphate Hexameta Anhydrous Laboratory Grade, Granular

$\text{Na}_6\text{P}_6\text{O}_{18}$ F.W. 611.52 CAS# 10124-56-8

Item No.	Pkg Type	Case
S3412-500G	Clear Plastic	12
S3412-2.5KG	Clear Plastic	4
S3412-12KG	White Pail	
S3412-50LB	Lined Bag	

DOT: Not Regulated

Sodium Phosphate Monobasic, Monohydrate, Reagent ACS Grade

$\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$ F.W. 137.99 CAS# 10049-21-5

Item No.	Pkg Type	Case
S3414-125G	Clear Plastic	12
S3414-500G	Clear Plastic	12
S3414-2.5KG	Clear Plastic	4
S3414-12KG	White Pail	

DOT: Not Regulated

Specifications

Assay as $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$	98.0-102.0%
pH of a 5% solution at 25°C	4.1-4.5
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 5 ppm
Sulfate (SO_4)	≤ 0.003%
Calcium (Ca)	≤ 0.005%
Potassium (K)	≤ 0.01%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%

Sodium Phosphate Monobasic Anhydrous Laboratory Grade

H_2NaPO_4 F.W. 119.98 CAS# 7558-80-7

Item No.	Pkg Type	Case
S3416-500G	Clear Plastic	12
S3416-2.5KG	Clear Plastic	4
S3416-12KG	White Pail	
S3416-50LB	Lined Bag	



DOT: Not Regulated

Sodium Phosphate Tribasic Reagent ACS Grade Crystal

$\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$ F.W. 380.12 CAS# 10101-89-0

Item No.	Pkg Type	Case
S3534-500G	Clear Plastic	12
S3534-2.5KG	Clear Plastic	4
S3534-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay ($\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$)	98.0-102.0%
Excess alkali (as NaOH)	≤ 2.5%
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Sulfate (SO_4)	≤ 0.01%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%

Sodium Phosphate Tribasic Laboratory Grade Crystal

$\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$ F.W. 380.12 CAS# 10101-89-0

Item No.	Pkg Type	Case
S3535-500G	Clear Plastic	12
S3535-2.5KG	Clear Plastic	4
S3535-12KG	White Pail	



DOT: Not Regulated

Sodium Polyacrylate Laboratory Grade Granular

$\text{C}_3\text{H}_5\text{NaO}_2$ F.W. 94.04 CAS# 9003-04-7

Item No.	Pkg Type	Case
S3541-100G	Clear Plastic	12
S3541-500G	Clear Plastic	12
S3541-2.5KG	Clear Plastic	
S3541-12KG	White Pail	
S3541-50LB	Poly Lined Bag	



DOT: Not Regulated

Sodium Potassium Tartrate at 614 gpl Solution

Item No.	Pkg Type	Case
ND619 (10 L)	Cubitainer®	
ND619A (10 L)	Clear Plastic	



DOT: Not Regulated

Sodium Pyrophosphate Decahydrate Reagent ACS Grade Crystal

$\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$ F.W. 446.06 CAS# 13472-36-1

Item No.	Pkg Type	Case
S3549-125G	Clear Plastic	12
S3549-500G	Clear Plastic	12
S3549-2.5KG	Clear Plastic	
S3549-12KG	White Pail	
S3549-50KG	Fiber Drum	



DOT: Not Regulated

Specifications

Assay ($\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$)	99.0-103.0%
pH of a 5% solution at 25°C	9.5-10.5
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.002%
Sulfate (SO_4)	≤ 0.005%
Nitrogen compounds (as N)	≤ 0.001%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%



Sodium Pyrophosphate Anhydrous Laboratory Grade

$\text{Na}_2\text{P}_2\text{O}_7$ F.W. 265.9 CAS# 7722-88-5

Item No.	Pkg Type	Case
S3550-500G	Clear Plastic	
S3550-2.5KG	Clear Plastic	



DOT: Not Regulated

Sodium Reference Buffer Solution pH 2.00 ± 0.02 @ 25° C, NIST Traceable

pH 2.00 +/- 0.02 @25°C

Item No.	Pkg Type	Case
1540-500ML	Clear Plastic	6
1540-1L	Clear Plastic	6
1540-4LC	Cubitainer®	



DOT: Not Regulated

Sodium Reference Buffer Solution pH 4.00 ± 0.02 @ 25° C, NIST Traceable

pH 4.00 +/- 0.02 @25°C

Item No.	Pkg Type	Case
1542-1L	Clear Plastic	6
1542-4LC	Cubitainer®	4



DOT: Not Regulated

Sodium Reference Buffer Solution pH 7.00 ± 0.02 @ 25° C, NIST Traceable

pH 7.00 +/- 0.02 @25°C

Item No.	Pkg Type	Case
1541-4LC	Cubitainer®	

DOT: Not Regulated

Sodium Reference Buffer Solution pH 9.18 ± 0.02 @ 25° C, NIST Traceable

pH 9.18 +/- 0.02 @25°C

Item No.	Pkg Type	Case
1543-500ML	Clear Plastic	
1543-1L	Clear Plastic	
1543-4LC	Cubitainer®	



DOT: Not Regulated

Sodium Saccharin Laboratory Grade Powder

$\text{C}_6\text{H}_4\text{COONaSO}_2$ F.W. 205.17 CAS# 82385-42-0

Item No.	Pkg Type	Case
S3570-100G	Clear Plastic	12
S3570-500G	Clear Plastic	12

DOT: Not Regulated

Sodium Salicylate Laboratory Grade Crystal

$\text{HO}_2\text{C}_6\text{H}_4\text{COONa}$ F.W. 160.11 CAS# 54-21-7

Item No.	Pkg Type	Case
S3572-500G	Clear Plastic	12
S3572-1KG	Clear Plastic	
S3572-2.5KG	Clear Plastic	4



DOT: Not Regulated

Sodium Silicate, Meta Nonahydrate Reagent Grade Crystal

$\text{Na}_2\text{O}_3\text{Si} \cdot 9\text{H}_2\text{O}$ F.W. 284.2 CAS# 13517-24-3

Item No.	Pkg Type	Case
S3591-500G	Clear Plastic	



DOT: Not Regulated

Specifications

Assay	≥ 98.0%
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color) 50 mg/ml H_2O	Clear

Sodium Silicate, Meta, Anhydrous Laboratory Grade Powder

Na_2SiO_3 F.W. 122.06 CAS# 6834-92-0

Item No.	Pkg Type	Case
S3593-500G	Clear Plastic	
S3593-2.5KG	Clear Plastic	



DOT: UN 3253 Disodium trioxosilicate, 8, III

Sodium Silicate Solution Laboratory Grade 40-42 Deg Baume

Item No.	Pkg Type	Case
S3600-500ML	Clear Plastic	6
S3600-1L	Clear Plastic	
S3600-4L	Clear Plastic	4
S3600-20L	Metal Can	
S3600-200L	Metal Drum	



DOT: Not Regulated

Sodium Sulfate Anhydrous 10-60 Mesh Reagent ACS Grade Granular

Na_2SO_4 F.W. 142.04 CAS# 7757-82-6

Item No.	Pkg Type	Case
S3640-500G	Clear Plastic	12
S3640-1KG	Clear Plastic	
S3640-2.5KG	Clear Plastic	4
S3640-12KG	White Pail	
S3640-50KG	Fiber Drum	

DOT: Not Regulated

Specifications

Assay (Na_2SO_4)	≥ 99.0%
pH of 5% Solution @ 25.0°C	5.2-9.2
Insoluble Matter	≤ 0.01%
Loss on Ignition	≤ 0.5%
Chloride (Cl)	≤ 0.001%
Nitrogen compounds (as N)	≤ 5 ppm
Phosphate (PO_4)	≤ 0.001%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%
Calcium (Ca)	≤ 0.01%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.01%

Sodium Sulfate Anhydrous Technical Grade Powder

Na₂SO₄ **F.W. 142.04** **CAS# 7757-82-6**

Item No.	Pkg Type	Case
S3645-500G	Clear Plastic	12
S3645-2.5KG	Clear Plastic	4
S3645-12KG	White Pail	
S3645-50LB	White Pail	

DOT: Not Regulated

Sodium Sulfate 240 gpL Solution

Prepared to ASTM D3712

Item No.	Pkg Type	Case
8759-1L	Clear Plastic	

DOT: Not Regulated

Sodium Sulfate 0.05 Molar Solution

Item No.	Pkg Type	Case
ND050 (1 L)	Clear Plastic	

DOT: Not Regulated

Sodium Sulfide Nonahydrate Reagent ACS Grade Crystal

Na₂S•9H₂O **F.W. 240.18** **CAS# 1313-84-4**

Item No.	Pkg Type	Case
S3660-125G	Amber Glass	
S3660-500G	Amber Glass	
S3660-2.5KG	Lined Bucket	



DOT: UN 1849 Sodium sulfide, hydrated, 8, II

Specifications

Assay (Na ₂ S•9H ₂ O)	98.0 - 103.0%
Ammonium (NH ₄)	≤ 0.005%
Sulfite and thiosulfate (as SO ₃)	≤ 0.1%
Iron (Fe)	Passes test

Sodium Sulfide Fused Flake

Na₂S•xH₂O **F.W. 78.05** **CAS# 1313-82-2**

Item No.	Pkg Type	Case
S3666-500G	Clear Plastic	
S3666-2.5KG	Clear Plastic	
S3666-12KG	White Pail	



DOT: UN 1849 Sodium sulfide, hydrated, 8, II

Sodium Sulfide Solution Prepared to ASTM D3228

Item No.	Pkg Type	Case
8763-1L	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Sodium Sulfide Nonahydrate), 8, II

Sodium Sulfite Anhydrous Reagent ACS Grade Granular

Na₂SO₃ **F.W. 126.04** **CAS# 7757-83-7**

Item No.	Pkg Type	Case
S3703-100G	Clear Plastic	
S3703-500G	Clear Plastic	12
S3703-2.5KG	Clear Plastic	4
S3703-12KG	White Pail	
S3703-50KG	Poly Lined Bag	



DOT: Not Regulated

Specifications

Assay	≥ 98.0% Na ₂ SO ₃
Free Acid	Passes test
Titration free base	≤ 0.03 meq/g
Chloride (Cl)	≤ 0.02%
Heavy Metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%
Insoluble matter	≤ 0.005%

Sodium Sulfite Anhydrous Laboratory Grade Granular

Na₂SO₃ **F.W. 126.04** **CAS# 7757-83-7**

Item No.	Pkg Type	Case
S3707-500G	Clear Plastic	
S3707-2.5KG	Clear Plastic	
S3707-12KG	White Pail	



DOT: Not Regulated

Sodium Sulfite 5% w/v Solution APHA for Lead

3 month expiration

Item No.	Pkg Type	Case
8773-1L	Clear Plastic	6
8773-4L	Clear Plastic	

DOT: Not Regulated

Sodium Sulfite 10% w/v Solution APHA for Residual Chlorine

3 month expiration

Item No.	Pkg Type	Case
8768-1L	Clear Plastic	
8768-4L	Clear Plastic	

DOT: Not Regulated

Sodium Sulfite 1.0 Molar Solution pH 9.90 ± 0.10

Item No.	Pkg Type	Case
8766-500ML	Clear Plastic	6
8766-1L	Clear Plastic	6
8766-4L	Clear Plastic	4
8766-20L	Cubiter®	

DOT: Not Regulated

Sodium Sulfite 1.0 Molar Solution pH 10.42 ± 0.02

Item No.	Pkg Type	Case
SPE408 (20 L)	Cubiter®	

DOT: Not Regulated

Sodium Sulfite 1.5 Molar Solution

Item No.	Pkg Type	Case
8767-20L	Cubiter®	
8767-60L	Poly Drum	
8767-200L	Poly Drum	

DOT: Not Regulated



Sodium Tartrate Dihydrate Reagent ACS Grade Granular

C₄H₄Na₂O₆•2H₂O **F.W. 230.08** **CAS# 6106-24-7**

Item No.	Pkg Type	Case
S3916-125G	Clear Plastic	12
S3916-500G	Clear Plastic	12
S3916-2.5KG	Clear Plastic	4

DOT: Not Regulated

Specifications

Assay (Na ₂ C ₄ H ₄ O ₆ •2H ₂ O)	99.0-101.0%
Loss on drying at 150° C	15.61%-15.71%
pH of a 5% solution at 25° C	7.0-9.0
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 5 ppm
Phosphate (PO ₄)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.005%
Ammonium (NH ₄)	≤ 0.003%
Calcium (Ca)	≤ 0.01%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 0.001%

Sodium Tartrate 10% w/v Solution

Item No.	Pkg Type	Case
8770-500ML	Clear Plastic	
8770-1L	Clear Plastic	

DOT: Not Regulated

Sodium Tartrate TS 11.5% w/v Prepared to USP 42 / NF 37

Item No.	Pkg Type	Case
8774-500ML	Clear Plastic	

DOT: Not Regulated

Sodium Thiocyanate Reagent ACS Grade Crystal

NaSCN **F.W. 81.07** **CAS# 540-72-7**

Item No.	Pkg Type	Case
S3980-125G	Amber Glass	
S3980-500G	Clear Plastic	12



DOT: Not Regulated

Specifications

Assay	≥ 98.0% NaSCN
Insoluble matter	≤ 0.005%
Carbonate (as Na ₂ CO ₃)	≤ 0.2%
Chloride (Cl)	≤ 0.01%
Sulfate (SO ₄)	≤ 0.01%
Sulfide (S)	≤ 0.001%
Ammonium (NH ₄)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 2 ppm

Sodium Thiocyanate 0.1 Normal Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8775-1L	Clear Plastic	
8775-4L	Clear Plastic	
8775-10L	Cubitainer®	
8775-20L	Cubitainer®	

DOT: Not Regulated

Sodium Thiosulfate Reagent ACS Grade Crystal

Na₂S₂O₃•5H₂O **F.W. 248.18** **CAS# 10102-17-7**

Item No.	Pkg Type	Case
S3999-500G	Clear Plastic	12
S3999-2.5KG	Clear Plastic	4
S3999-12KG	White Pail	
S3999-25KG	Fiber Drum	

DOT: Not Regulated

Specifications

Assay (Na ₂ S ₂ O ₃ •5H ₂ O)	99.5-101.0%
pH of 5% solution @25°C	6.0-8.4
Nitrogen compounds(as N)	≤ 0.002%
Sulfate and Sulfite(as SO ₄)	≤ 0.1%
Sulfide(S)	Passes test
Insoluble matter	≤ 0.005%

Sodium Thiosulfate Laboratory Grade Crystal

Na₂S₂O₃•5H₂O **F.W. 248.18** **CAS# 10102-17-7**

Item No.	Pkg Type	Case
S4005-500G	Clear Plastic	12
S4005-2.5KG	Clear Plastic	4
S4005-12KG	White Pail	

DOT: Not Regulated

Sodium Thiosulfate Practical, Rice

Na₂S₂O₃•5H₂O **F.W. 248.18** **CAS# 10102-17-7**

Item No.	Pkg Type	Case
S4008-25KG	Lined Bag	

DOT: Not Regulated

Sodium Thiosulfate 1,000 ppm 1 ml = 1 mg Na₂S₂O₃

Item No.	Pkg Type	Case
SPX447 (500 ML)	Clear Plastic	

DOT: Not Regulated

Sodium Thiosulfate 5% w/v Aqueous Solution

Item No.	Pkg Type	Case
8782-1L	Clear Plastic	6
8782-20L	Cubitainer®	

DOT: Not Regulated

Sodium Thiosulfate 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
8784-1L	Amber Plastic	6
8784-4L	Clear Plastic	4

DOT: Not Regulated

Sodium Thiosulfate 0.005 Normal NIST Traceable Solution

Normality = 0.0048 - 0.0052 @20°C

Item No.	Pkg Type	Case
8787-500ML	Clear Plastic	
8787-1L	Clear Plastic	
8787-4L	Clear Plastic	

DOT: Not Regulated

Sodium Thiosulfate 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
8790-100ML	Clear Plastic	
8790-500ML	Clear Plastic	6
8790-1L	Clear Plastic	6
8790-4L	Clear Plastic	4
8790-4LC	Cubitainer®	4
8790-4LG	Amber Glass	
8790-10L	Cubitainer®	
8790-20L	Cubitainer®	

DOT: Not Regulated

Sodium Thiosulfate 0.0143 Normal NIST Traceable Solution

Normality = 0.0138 - 0.0148 @20°C

Item No.	Pkg Type	Case
8795-500ML	Clear Plastic	
8795-1L	Clear Plastic	
8795-4L	Clear Plastic	
8795-20L	Cubitainer®	

DOT: Not Regulated

Sodium Thiosulfate 0.02 Normal NIST Traceable Solution

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
8798-1L	Clear Plastic	6
8798-4L	Clear Plastic	4
8798-4LC	Cubitainer®	4

DOT: Not Regulated

Sodium Thiosulfate 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
8800-500ML	Clear Plastic	6
8800-1L	Clear Plastic	6
8800-1LG	Amber Glass	6
8800-4L	Clear Plastic	4
8800-4LC	Cubitainer®	4
8800-10L	Cubitainer®	
8800-20L	Cubitainer®	

DOT: Not Regulated

Sodium Thiosulfate 0.0375 Normal NIST Traceable Solution

Normality = 0.0370 - 0.0380 @20°C

Item No.	Pkg Type	Case
8803-1L	Clear Plastic	6
8803-4L	Clear Plastic	4
8803-20L	Cubitainer®	

DOT: Not Regulated

Sodium Thiosulfate 0.0394 Normal NIST Traceable Solution

Normality = 0.03932 - 0.03948 @20°C

Item No.	Pkg Type	Case
8804-1L	Clear Plastic	6
8804-4L	Clear Plastic	4
8804-20L	Cubitainer®	

DOT: Not Regulated

Sodium Thiosulfate 0.05 Normal NIST Traceable Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
8805-500ML	Clear Plastic	
8805-1L	Clear Plastic	6
8805-4L	Clear Plastic	4
8805-20L	Cubitainer®	

DOT: Not Regulated

Sodium Thiosulfate 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
8810-100ML	Clear Plastic	12
8810-500ML	Clear Plastic	6
8810-1L	Clear Plastic	6
8810-1LG	Amber Glass	
8810-4L	Clear Plastic	4
8810-4LC	Cubitainer®	4
8810-4LG	Amber Glass	4
8810-10L	Cubitainer®	
8810-20L	Cubitainer®	
8810-20LHP	Clear Plastic	
8810-200L	Poly Drum	

DOT: Not Regulated

Sodium Thiosulfate 0.2 Normal NIST Traceable Solution

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
8815-1L	Clear Plastic	6
8815-4L	Clear Plastic	4
8815-10L	Cubitainer®	
8815-20L	Cubitainer®	
8815-200L	Poly Drum	

DOT: Not Regulated

Sodium Thiosulfate 0.280 Normal NIST Traceable Solution

Normality = 0.2795 - 0.2805 @20°C

Item No.	Pkg Type	Case
8822-1L	Clear Plastic	6

DOT: Not Regulated

Sodium Thiosulfate 0.282 Normal NIST Traceable Solution

Normality = 0.2811 - 0.2829 @20°C

Item No.	Pkg Type	Case
SPX903 (20 L)	Cubitainer®	

DOT: Not Regulated

Sodium Thiosulfate 0.3 Normal NIST Traceable Solution

Normality = 0.2995 - 0.3005 @20°C

Item No.	Pkg Type	Case
8817-4L	Clear Plastic	

DOT: Not Regulated

Sodium Thiosulfate 0.5 Normal NIST Traceable Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
8818-500ML	Clear Plastic	
8818-1L	Clear Plastic	6
8818-4L	Clear Plastic	
8818-10LC	Cubitainer®	

DOT: Not Regulated



Sodium Thiosulfate 1.0 Normal NIST Traceable Solution

Normality = 0.9990 - 1.0010 @20°C

Item No.	Pkg Type	Case
8820-500ML	Clear Plastic	6
8820-1L	Clear Plastic	6
8820-4L	Clear Plastic	4
8820-4LC	Cubitainer®	
8820-4LG	Amber Glass	4
8820-10L	Cubitainer®	
8820-20L	Cubitainer®	

DOT: Not Regulated

Sodium Tripolyphosphate 85% (STPP) Technical Grade

$\text{Na}_5\text{O}_{10}\text{P}_3$ F.W. 367.86 CAS# 7758-29-4

Item No.	Pkg Type	Case
S4046-500G	Clear Plastic	



DOT: Not Regulated

Solvent-100 Light aromatic

Item No.	Pkg Type	Case
S4200-200L	Poly Drum	



DOT: UN 1268 Petroleum distillates, n.o.s. 3, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Sorbic Acid 20.0 gPL in Methanol

Item No.	Pkg Type	Case
ND668 (1 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

SPADNS Solution APHA for Fluoride

Item No.	Pkg Type	Case
8827-500ML	Clear Plastic	
8827-1L	Clear Plastic	

DOT: Not Regulated

Stannous Chloride Dihydrate Reagent Grade Low Mercury

$\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$ F.W. 225.63 CAS# 10025-69-1

Item No.	Pkg Type	Case
S4780-125G	Clear Plastic	12
S4780-500G	Clear Plastic	12
S4780-2.5KG	Clear Plastic	
S4780-12KG	White Pail	



DOT: UN 3260 Corrosive solid, acidic, inorganic, n.o.s. (Stannous chloride dihydrate), 8, III

Specifications

Appearance	White Crystal
Assay ($\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$)	98.0-103.0%
Assay Tin (Sn)	51.6 - 54.2%
Solubility in Hydrochloric Acid	Clear/Colorless
Sodium (Na)	≤ 0.01%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.003%
Lead (Pb)	≤ 0.01%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.01%
Other Heavy Metals	≤ 0.01%
Calcium (Ca)	≤ 0.005%
Sulfate (SO_4)	Passes ACS Test
Mercury (Hg)	≤ 0.05 mg/Kg

Stannous Chloride, Reagent I APHA for Phosphorous

Item No.	Pkg Type	Case
8840-100ML	Amber Glass	
8840-500ML	Amber Glass	
8840-1L	Amber Glass	



DOT: Not Regulated

Stannous Chloride, Reagent II APHA for Phosphorous

Item No.	Pkg Type	Case
8850-100ML	Clear Plastic	
8850-500ML	Clear Plastic	
8850-1L	Clear Plastic	



DOT: Not Regulated

Stannous Chloride 10% w/v in 10% v/v HCl

Item No.	Pkg Type	Case
ND098 (1 L)	Amber Glass	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, II

Starch, Soluble Reagent ACS Grade Powder

$\text{C}_{12}\text{H}_{22}\text{O}_{11}$ F.W. 342.3 CAS# 9005-84-9

Item No.	Pkg Type	Case
S5222-125G	Clear Plastic	12
S5222-500G	Clear Plastic	12
S5222-2.5KG	Clear Plastic	

DOT: Not Regulated

Specifications

pH of 2% Solution @ 25°C	5.0-7.0
Residue after ignition	≤ 0.4%
Sensitivity	Passes test
Solubility	Passes test

Starch, Corn Laboratory Grade Powder

$(\text{C}_6\text{H}_{10}\text{O}_5)_n$ CAS# 9005-25-8

Item No.	Pkg Type	Case
S5243-500G	Clear Plastic	12
S5243-2.5KG	Clear Plastic	4

DOT: Not Regulated

Starch Indicator Solution 0.5% w/v, APHA

Item No.	Pkg Type	Case
8860-100ML	Clear Plastic	12
8860-250ML	Clear Plastic	
8860-500ML	Clear Plastic	6
8860-500MLFT	Clear Plastic	
8860-1L	Clear Plastic	6
8860-4L	Clear Plastic	4
8860-4LC	Cubitainer®	4
8860-4LG	Amber Glass	
8860-10L	Cubitainer®	
8860-20L	Cubitainer®	



DOT: Not Regulated

Starch Solution 0.5% Preserved with 0.13% Salicylic Acid

Item No.	Pkg Type	Case
SPE559 (1 L)	Clear Plastic	



DOT: Not Regulated

Starch Indicator 1% w/v Aqueous Solution

Item No.	Pkg Type	Case
8880-100ML	Clear Plastic	
8880-500ML	Clear Plastic	6
8880-1L	Clear Plastic	6
8880-4L	Clear Plastic	4
8880-4L(CUBE)	Cubitainer®	4
8880-10L	Cubitainer®	
8880-20L	Cubitainer®	

DOT: Not Regulated

Starch Indicator 1% w/v Solution ASTM D1510

Item No.	Pkg Type	Case
8885-1L	Clear Plastic	

Starch Indicator 1% Solution, Preserved with Salicylic Acid

Item No.	Pkg Type	Case
SPE360B (500 ML)	Clear Plastic	
SPE360 (1 L)	Clear Plastic	
SPE360A (4 L)	Clear Plastic	



DOT: Not Regulated

Starch Indicator 2% w/v Aqueous Solution

Item No.	Pkg Type	Case
8890-500ML	Clear Plastic	
8890-1L	Clear Plastic	
8890-20L	Cubitainer®	

DOT: Not Regulated

Starch Solution Special Prepared to ASTM D3703

Item No.	Pkg Type	Case
SPE424 (1 L)	Amber Glass	



DOT: Not Regulated

Stearic Acid Triple Pressed Laboratory Grade

$\text{CH}_3(\text{CH}_2)_{16}\text{COOH}$ F.W. 284.48 CAS# 57-11-4

Item No.	Pkg Type	Case
S5690-500G	Clear Plastic	
S5690-2.5KG	White Pail	

DOT: Not Regulated

Stoddard Solvent (White Spirits)

CAS# 8052-41-3/1

Item No.	Pkg Type	Case
S6010-1L	Amber Glass	
S6010-4L	Amber Glass	4
S6010-20L	Metal Can	



DOT: UN 1268 Petroleum distillates, n.o.s. (Stoddard Solvent), 3, III

Strong Acid Solution APHA for Phosphorous or Phosphate

Item No.	Pkg Type	Case
8910-500ML	Clear Plastic	6
8910-1L	Clear Plastic	6
8910-4L	Clear Plastic	4



DOT: UN 1760 Corrosive liquids, n.o.s. (Sulfuric Acid), 8, II

Strontium AA Standard 1,000 ppm NIST Traceable

Item No.	Pkg Type	Case
8950-100ML	Clear Plastic	
8950-500ML	Clear Plastic	



DOT: UN 1760 Corrosive liquids, n.o.s. (Nitric Acid), 8, III

Strontium Chloride Hexahydrate Reagent ACS Grade Crystal

$\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$ F.W. 266.62 CAS# 10025-70-4

Item No.	Pkg Type	Case
S6337-125G	Clear Plastic	12
S6337-500G	Clear Plastic	12
S6337-2.5KG	Clear Plastic	4
S6337-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay ($\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$)	99.0-103.0%
pH of a 5% solution at 25° C	5.0-7.0
Insoluble matter	≤ 0.005%
Sulfate (SO_4)	≤ 0.001%
Barium (Ba)	≤ 0.05%
Calcium (Ca)	≤ 0.05%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Magnesium (Mg)	≤ 2 ppm

Strontium Chloride Laboratory Grade Crystal

$\text{SrCl}_2 \cdot 6\text{H}_2\text{O}$ F.W. 266.62 CAS# 10025-70-4

Item No.	Pkg Type	Case
S6338-100G	Clear Plastic	12
S6338-500G	Clear Plastic	12
S6338-2.5KG	Clear Plastic	



DOT: Not Regulated



Strontium Nitrate Reagent ACS Grade Crystal

$\text{Sr}(\text{NO}_3)_2$ F.W. 211.63 CAS# 10042-76-9

Item No.	Pkg Type	Case
S6390-125G	Clear Plastic	12
S6390-500G	Clear Plastic	12
S6390-2.5KG	Clear Plastic	4
S6390-10KG	White Pail	



DOT: UN 1507 Strontium nitrate, 5.1, III

Specifications

Assay	≥ 99.0% $\text{Sr}(\text{NO}_3)_2$
pH of a 5% solution at 25°C	5.0-7.0
Loss on drying at 105° C	≤ 0.1%
Chloride (Cl)	≤ 0.002%
Sulfate (SO_4)	≤ 0.005%
Barium (Ba)	≤ 0.05%
Calcium (Ca)	≤ 0.05%
Magnesium (Mg)	≤ 0.10%
Sodium (Na)	≤ 0.10%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

Strontium Nitrate Laboratory Grade Crystal

$\text{Sr}(\text{NO}_3)_2$ F.W. 211.63 CAS# 10042-76-9

Item No.	Pkg Type	Case
S6395-100G	Clear Plastic	
S6395-500G	Clear Plastic	
S6395-2.5KG	Clear Plastic	



DOT: UN 1507 Strontium nitrate, 5.1, III

Sucrose Reagent ACS Grade Crystal

$\text{C}_{12}\text{H}_{22}\text{O}_{11}$ F.W. 342.3 CAS# 57-50-1

Item No.	Pkg Type	Case
S7111-500G	Clear Plastic	
S7111-2.5KG	Clear Plastic	
S7111-12KG	White Pail	

DOT: Not Regulated

Specifications

Specific rotation	+66.3° to +66.8°
Insoluble matter	≤ 0.005%
Loss on drying at 105° C	≤ 0.03%
Residue after ignition	≤ 0.01%
Titration acid	≤ 0.0008 meq / g
Chloride (Cl)	≤ 0.005%
Sulfate and sulfite (as SO_4)	≤ 0.005%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Invert sugar	≤ 0.05%

Sucrose Laboratory Grade Crystal

$\text{C}_{12}\text{H}_{22}\text{O}_{11}$ F.W. 342.3 CAS# 57-50-1

Item No.	Pkg Type	Case
S7130-100G	Clear Plastic	12
S7130-500G	Clear Plastic	12
S7130-2.5KG	Clear Plastic	4

DOT: Not Regulated

Sudan IV Biostain (CI 26105)

$\text{C}_{24}\text{H}_{20}\text{N}_4\text{O}$ F.W. 380.45 CAS# 85-83-6

Item No.	Pkg Type	Case
S7348-25G	Amber Glass	
S7348-100G	Amber Glass	
S7348-500G	Amber Glass	12



DOT: Not Regulated

Sulfamic Acid Reagent ACS Grade

$\text{H}_2\text{NSO}_3\text{H}$ F.W. 97.09 CAS# 5329-14-6

Item No.	Pkg Type	Case
S7382-125G	Clear Plastic	12
S7382-500G	Clear Plastic	12
S7382-5KG	Clear Plastic	



DOT: UN 2967 Sulfamic acid, 8, III

Specifications

Assay (dried basis)	99.3-100.3%
Residue after Ignition	≤ 0.01%
Chloride (Cl)	≤ 0.001%
Sulfate (SO_4)	≤ 0.05%
Heavy Metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 5 ppm
Insoluble Matter	≤ 0.01%

Sulfamic Acid Technical Grade

$\text{H}_2\text{NSO}_3\text{H}$ F.W. 97.09 CAS# 5329-14-6

Item No.	Pkg Type	Case
S7384-12KG	White Pail	



DOT: UN 2967 Sulfamic acid, 8, III

Sulfamic Acid 5% w/v Solution

Item No.	Pkg Type	Case
SPX451 (1 L)	Clear Plastic	

DOT: Not Regulated

Sulfanilamide (Aminobenzenesulfonamide) 99%

$\text{C}_6\text{H}_8\text{N}_2\text{O}_2\text{S}$ F.W. 172.21 CAS# 63-74-1

Item No.	Pkg Type	Case
S7386-100G	Clear Plastic	
S7386-500G	Clear Plastic	

DOT: Not Regulated

Sulfate Standard 10.0 mg/L (ppm) Solution

Item No.	Pkg Type	Case
8968-500ML	Clear Plastic	

DOT: Not Regulated

Sulfate Standard 50.0 mg/L (ppm) Solution

Item No.	Pkg Type	Case
8967-500ML	Clear Plastic	
DOT: Not Regulated		

Sulfate Standard 100 ppm Aqueous Solution, ASTM D516

4 month expiration

Item No.	Pkg Type	Case
8970-100ML	Clear Plastic	
8970-500ML	Clear Plastic	
8970-1L	Clear Plastic	
DOT: Not Regulated		

Sulfate Standard 500 ppm w/v Aqueous Solution

Item No.	Pkg Type	Case
8971-500ML	Clear Plastic	
8971-1L	Clear Plastic	
DOT: Not Regulated		

Sulfate Standard 750 ppm w/v Aqueous Solution

Item No.	Pkg Type	Case
8972-500ML	Clear Plastic	
8972-1L	Clear Plastic	
DOT: Not Regulated		

Sulfate Standard 1,000 ppm w/v Aqueous Solution

Item No.	Pkg Type	Case
8969-100ML	Clear Plastic	
8969-250ML	Clear Plastic	
8969-500ML	Clear Plastic	
8969-1L	Clear Plastic	
DOT: Not Regulated		

Sulfate Standard 3,000 ppm w/v Aqueous Solution

Item No.	Pkg Type	Case
8974-500ML	Clear Plastic	
DOT: Not Regulated		

Sulfide Standard (APHA) 1,000 ppm w/w (1 ml = 1 mg S²⁻)

Assay = 990 - 1010 ppm, Exp. 2 month

Item No.	Pkg Type	Case
8975-100ML	Clear Plastic	
8975-250ML	Clear Plastic	
8975-500ML	Clear Plastic	
8975-1L	Clear Plastic	

DOT: Not Regulated

Sulfide Standard 2,000 ppm w/v in Dilute NaOH

Assay = 1980 - 2020 ppm, Exp. 1 month

Item No.	Pkg Type	Case
8977-500ML	Clear Plastic	



DOT: Not Regulated

Sulfidine/Pyridine Cellosolve 1mg/ml

Item No.	Pkg Type	Case
SPX248 (1 L)	Amber Glass	
   		
DOT: UN 1993 Flammable liquids, n.o.s. (Pyridine), 3, II		



WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Sulfidine Solution 2 mg/ml

Item No.	Pkg Type	Case
SPX268 (1 L)	Amber Glass	
   		
DOT: UN 1993 Flammable liquids, n.o.s. (Pyridine), 3, II		



WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Sulfidine Solution 7 mg/ml

Item No.	Pkg Type	Case
SPX249 (1 L)	Amber Glass	
   		
DOT: UN 1993 Flammable liquids, n.o.s. (Pyridine), 3, II		



WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

Sulfo Orange 0.04% w/v Solution

Item No.	Pkg Type	Case
8960-100ML	Clear Plastic	
8960-500ML	Clear Plastic	
8960-1L	Clear Plastic	
DOT: Not Regulated		

Sulfosalicylic Acid 3% w/v Aqueous Solution

Item No.	Pkg Type	Case
8978-500ML	Clear Plastic	
8978-1L	Clear Plastic	
8978-4L	Clear Plastic	
DOT: Not Regulated		

Sulfosalicylic Acid 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
8979-500ML	Clear Plastic	
8979-1L	Clear Plastic	



DOT: Not Regulated

Sulfur Flowers (Flour) Powder Sublimed

S ₈	F.W. 256.53	CAS# 7704-34-9
Item No.	Pkg Type	Case
S8800-100G	Clear Plastic	12
S8800-500G	Clear Plastic	12
S8800-2.5KG	Clear Plastic	4
S8800-12KG	White Pail	



DOT: Not Regulated

Sulfur ICP Standard 0.5 ppm in 5% Nitric Acid

Item No.	Pkg Type	Case
SPX424 (250 ML)	Amber Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. mixture, 8, III



Sulfur ICP Standard 1.0 ppm in 5% Nitric Acid

Item No.	Pkg Type	Case
SPX425 (250 ML)	Amber Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. mixture, 8, III

Sulfur ICP Standard 10.0 ppm in 5% Nitric Acid

Item No.	Pkg Type	Case
SPX426 (250 ML)	Amber Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. mixture, 8, III

Sulfur Standard 5.0 ppm w/v in n-Hexane

Item No.	Pkg Type	Case
ND626 (100 ML)	Amber Glass	



DOT: UN 1208 Hexanes mixture, 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Sulfur Standard 10.0 ppm w/v in n-Hexane

Item No.	Pkg Type	Case
ND573 (100 ML)	Amber Glass	



DOT: UN 1208 Hexanes mixture, 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Sulfur Standard 10.0 ppm w/v in Isooctane (S-Source CS₂)

Item No.	Pkg Type	Case
SPX884 (20 X 2 ML)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Octanes), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Sulfur Standard 25.0 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
SPX837 (100 ML)	Clear Plastic	

DOT: Not Regulated

Sulfuric Acid Reagent ACS Grade

H₂SO₄ F.W. 98.08 CAS# 7664-93-9

Item No.	Pkg Type	Case
S9191-500ML	Amber Glass	6
S9191-2.5L	Flint Glass	6
S9191-2.5L(PVC)	Coated Glass	6
S9191-4L	Clear Plastic	4
S9191-15GAL	Poly Drum	
S9191-200L	Poly Drum	



DOT: UN 1830 Sulfuric acid, 8, II

Specifications

Assay	95.0-98.0%
Color (APHA)	≤ 10
Appearance	Free from matter
Residue after Ignition	≤ 5 ppm
Mercury (Hg)	≤ 5 ppb
Nitrate (NO ₃)	≤ 0.5 ppm
Iron (Fe)	≤ 0.2 ppm
Substances Reducing Permanganate	≤ 2 ppm as SO ₂
Chloride (Cl)	≤ 0.2 ppm
Ammonium (NH ₄)	≤ 2 ppm
Arsenic (As)	≤ 0.01 ppm
Heavy metals (as Pb)	≤ 1 ppm

Sulfuric Acid Trace Metals Grade

H₂SO₄ F.W. 98.08 CAS# 7664-93-9

Item No.	Pkg Type	Case
S9193-2.5L	Clear Glass	



DOT: UN 1830 Sulfuric acid, 8, II

Sulfuric Acid 93% 66° BAUME Technical Grade

H₂SO₄ F.W. 98.08 CAS# 7664-93-9

Item No.	Pkg Type	Case
S9243-500ML	Amber Glass	
S9243-500MLPVC	Amber Glass	
S9243-1L	Clear Plastic	
S9243-2.5L	Coated Glass	6
S9243-4L	Clear Plastic	4
S9243-4L(SS)	Beta Bottle	
S9243-20L	Clear Plastic	
S9243-55GAL	Poly Drum	



DOT: UN 1830 Sulfuric acid, 8, II

Sulfuric Acid 1 + 4 Aqueous Solution

Item No.	Pkg Type	Case
9114-4L	Clear Plastic	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 1 + 5 Aqueous Solution, ASTM D5776

Item No.	Pkg Type	Case
9102-500ML	Clear Plastic	12
9102-4L	Clear Plastic	4
9102-20L	Cubitainer®	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 1% Solution v/v APHA for Metals

APHA for Metals

Item No.	Pkg Type	Case
8987-1L	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, II

Sulfuric Acid 2% v/v Aqueous Solution

Item No.	Pkg Type	Case
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DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid), 8, III

Sulfuric Acid 4% v/v Aqueous Solution

Item No.	Pkg Type	Case
9013-500ML	Clear Plastic	6
9013-1L	Clear Plastic	6
9013-4L	Clear Plastic	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 5% v/v Aqueous Solution

Item No.	Pkg Type	Case
9014-500ML	Clear Plastic	6
9014-1L	Clear Plastic	6
9014-4L	Clear Plastic	4
9014-20L	Cubitainer®	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 10% v/v Aqueous Solution

Item No.	Pkg Type	Case
9002-500ML	Clear Plastic	6
9002-1L	Clear Plastic	6
9002-4L	Clear Plastic	4
9002-10L	Cubitainer®	
9002-20L	Cubitainer®	
9002-20LHP	Clear Plastic	
9002-30GAL	Poly Drum	
9002-200L	Poly Drum	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 10% w/w Aqueous Solution

Assay = 9.900 - 10.100% w/w

Item No.	Pkg Type	Case
9001-500ML	Clear Plastic	6
9001-1L	Clear Plastic	6
9001-4L	Clear Plastic	4
9001-200L	Poly Drum	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 10% w/v Aqueous Solution

Assay = 9.70 - 10.30% w/v

Item No.	Pkg Type	Case
8998-1L	Clear Plastic	6
8998-4L	Clear Plastic	4
8998-200L	Poly Drum	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 20% v/v Aqueous Solution

Assay = 19.90 - 20.10% v/v

Item No.	Pkg Type	Case
9012-1L	Clear Plastic	6
9012-4L	Clear Plastic	4
9012-20LHP	Clear Plastic	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 20% w/w NIST Traceable Solution

Assay = 19.70 - 20.30% w/w

Item No.	Pkg Type	Case
9003-500ML	Clear Plastic	6
9003-1L	Clear Plastic	6
9003-4L	Clear Plastic	4
9003-4LC	Cubitainer®	
9003-20L	Cubitainer®	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 25% v/v Aqueous Solution

Item No.	Pkg Type	Case
9006-500ML	Clear Plastic	
9006-1L	Clear Plastic	6
9006-2.5LPVC	Coated Glass	
9006-4L	Clear Plastic	4
9006-10L	Cubitainer®	
9006-20L	Cubitainer®	
9006-20LHP	Clear Plastic	
9006-200L	Poly Drum	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 25% w/w Aqueous Solution

Assay = 24.80 - 25.20% w/w

Item No.	Pkg Type	Case
9005-500ML	Clear Plastic	6
9005-1L	Clear Plastic	6
9005-4L	Clear Plastic	4
9005-20L	Cubitainer®	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 30% v/v Aqueous Solution

Item No.	Pkg Type	Case
9007-500ML	Clear Plastic	6
9007-2.5L	Coated Glass	6
9007-20L	Cubitainer®	
9007-30GAL	Poly Drum	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 30% w/w Certified Solution

Assay = 29.50 - 30.50% w/w

Item No.	Pkg Type	Case
SPX209B (20 L)	Clear Plastic	
SPX209 (200 L)	Poly Drum	



DOT: UN 2796 Sulfuric acid, 8, II



Sulfuric Acid 50% v/v (18 Normal) Solution ASTM D874

APHA for Chloride, Silica, and Sulfite

Item No.	Pkg Type	Case
9000-500ML	Clear Plastic	6
9000-500MLG	Amber Glass	
9000-1L	Clear Plastic	6
9000-1LSC	Coated Glass	
9000-2.5LSC	Coated Glass	6
9000-4L	Clear Plastic	4
9000-4LC	Cubitainer®	4
9000-10LC	Cubitainer®	
9000-20L	Cubitainer®	
9000-20LHP	Clear Plastic	
9000-200L	Poly Drum	



DOT: UN 1830 Sulfuric acid solution, 8, II

Sulfuric Acid 50% w/w Certified Solution

Assay = 49.60 - 50.40% w/w

Item No.	Pkg Type	Case
9009-500ML	Amber Glass	
9009-1L	Coated Glass	
9009-2.5LSC	Coated Glass	
9009-4L	Clear Plastic	4
9009-10LC	Cubitainer®	
9009-30GAL	Poly Drum	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 80% v/v Aqueous Solution

APHA for Nitrate

Item No.	Pkg Type	Case
9010-500ML	Clear Plastic	6
9010-1L	Clear Plastic	6
9010-4L	Clear Plastic	4
9010-10L	Cubitainer®	
9010-20L	Cubitainer®	



DOT: UN 1830 Sulfuric acid solution, 8, II

Sulfuric Acid 80% w/w Certified Solution

Assay = 79.00 - 81.00% w/w

Item No.	Pkg Type	Case
9032-1L	Clear Plastic	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 84.5% w/w Certified Solution

Assay = 84.00 - 85.00% w/w

Item No.	Pkg Type	Case
SPE534 (1 L)	Amber Glass	



DOT: UN 1830 Sulfuric acid, 8, II

Sulfuric Acid 90% w/w Aqueous Solution

Item No.	Pkg Type	Case
9015-500ML	Clear Plastic	6
9015-1L	Clear Plastic	6
9015-4L	Clear Plastic	4
9015-4LC	Cubitainer®	4
9015-10L	Cubitainer®	
9015-20L	Cubitainer®	



DOT: UN 1830 Sulfuric acid solution, 8, II

Sulfuric Acid 0.005 Molar Solution ASTM D3228

Item No.	Pkg Type	Case
9027-1L	Clear Plastic	
9027-4L	Clear Plastic	

DOT: Not Regulated

Sulfuric Acid 0.01 Normal NIST Traceable Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
9018-500ML	Clear Plastic	6
9018-1L	Clear Plastic	6
9018-1LG	Amber Glass	
9018-4L	Clear Plastic	4
9018-4LC	Cubitainer®	4
9018-10L	Cubitainer®	
9018-20L	Cubitainer®	

DOT: Not Regulated

Sulfuric Acid 0.02 Normal NIST Traceable Solution

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
9020-500ML	Clear Plastic	6
9020-1L	Clear Plastic	6
9020-4L	Clear Plastic	4
9020-4LC	Cubitainer®	4
9020-10L	Cubitainer®	
9020-20L	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.02 Normal Certified Solution (BCG/MR/CO₃)

Normality = 0.0195 - 0.0205 @20°C

Item No.	Pkg Type	Case
9021-500ML	Clear Plastic	
9021-1L	Clear Plastic	
9021-4LC	Cubitainer®	4
9021-4LG	Amber Glass	



DOT: Not Regulated

Sulfuric Acid 0.025 Normal NIST Traceable Solution

Normality = 0.0245 - 0.0255 @20°C

Item No.	Pkg Type	Case
9029-1L	Clear Plastic	
9029-4L	Clear Plastic	
9029-4LC	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.03 Normal NIST Traceable Solution

Normality = 0.0295 - 0.0305 @20°C

Item No.	Pkg Type	Case
9026-500ML	Clear Plastic	6
9026-1L	Clear Plastic	6
9026-20L	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.04 Normal NIST Traceable Solution

Normality = 0.0395 - 0.0405 @20°C

Item No.	Pkg Type	Case
9024-500ML	Clear Plastic	6
9024-1L	Clear Plastic	6
9024-4L	Clear Plastic	4



DOT: Not Regulated

Sulfuric Acid 0.05 Molar NIST Traceable ASTM D3228

Molarity = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
9023-1L	Clear Plastic	
9023-4L	Clear Plastic	



DOT: Not Regulated

Sulfuric Acid 0.05 Normal NIST Traceable Solution

Normality = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
9025-500ML	Clear Plastic	6
9025-1L	Clear Plastic	6
9025-4L	Clear Plastic	4
9025-4LC	Cubitainer®	
9025-20L	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.1 Normal NIST Traceable Solution

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
9040-500ML	Clear Plastic	6
9040-1L	Clear Plastic	6
9040-1LG	Amber Glass	
9040-4L	Clear Plastic	4
9040-4LC	Cubitainer®	4
9040-4LG	Amber Glass	4
9040-10L	Cubitainer®	
9040-20L	Cubitainer®	
9040-20LHP	Clear Plastic	
9040-200L	Poly Drum	



DOT: Not Regulated

Sulfuric Acid 0.1 Normal NIST Traceable Solution (BCG/MR/CO₃)

Normality = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
9038-1L	Clear Plastic	
9038-4LC	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.1 Molar NIST Traceable ASTM D3712

Molarity = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
9028-1L	Clear Plastic	
9028-4L	Clear Plastic	



DOT: Not Regulated

Sulfuric Acid 0.2 Normal NIST Traceable Solution

Normality = 0.1995 - 0.2005 @20°C

Item No.	Pkg Type	Case
9050-500ML	Clear Plastic	6
9050-1L	Clear Plastic	6
9050-4L	Clear Plastic	4
9050-4LC	Cubitainer®	4
9050-10L	Cubitainer®	
9050-20L	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.25 Normal NIST Traceable Solution

Normality = 0.2495 - 0.2505 @20°C

Item No.	Pkg Type	Case
9060-500ML	Clear Plastic	6
9060-1L	Clear Plastic	6
9060-4L	Clear Plastic	4
9060-4LC	Cubitainer®	4
9060-20L	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.255 Normal NIST Traceable Solution

Normality = 0.2545 - 0.2555 @20°C

Item No.	Pkg Type	Case
9062-1L	Clear Plastic	6
9062-4L	Clear Plastic	
9062-20L	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.324 Normal NIST Traceable Solution

Normality = 0.3235 - 0.3245 @20°C

Item No.	Pkg Type	Case
SPX193 (20 L)	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.34 Normal NIST Traceable Solution

Normality = 0.3395 - 0.3405 @20°C

Item No.	Pkg Type	Case
9087-500ML	Clear Plastic	

DOT: Not Regulated



Sulfuric Acid 0.4 Normal NIST Traceable Solution

Normality = 0.3995 - 0.4005 @20°C

Item No.	Pkg Type	Case
9065-1L	Clear Plastic	6
9065-4L	Clear Plastic	
9065-10L	Cubitainer®	
9065-20L	Cubitainer®	



DOT: Not Regulated

Sulfuric Acid 0.5 Normal NIST Traceable Solution

Normality = 0.4995 - 0.5005 @20°C

Item No.	Pkg Type	Case
9070-500ML	Clear Plastic	6
9070-1L	Clear Plastic	6
9070-1LG	Amber Glass	
9070-4L	Clear Plastic	4
9070-4LC	Cubitainer®	4
9070-4LG	Amber Glass	
9070-10L	Cubitainer®	
9070-20L	Cubitainer®	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 0.6 Normal NIST Traceable Solution

Normality = 0.5995 - 0.6005 @20°C

Item No.	Pkg Type	Case
9075-1L	Clear Plastic	6
9075-10L	Cubitainer®	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 1.00 Normal NIST Traceable Solution

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
9090-500ML	Clear Plastic	6
9090-1L	Clear Plastic	6
9090-2.5L	Coated Glass	
9090-4L	Clear Plastic	4
9090-4LC	Cubitainer®	4
9090-4LG	Amber Glass	4
9090-10L	Cubitainer®	
9090-20L	Cubitainer®	
9090-20LHP	Clear Plastic	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 1.00 Normal Standardized to BCG/MR E.P.

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
9092-1L	Clear Plastic	
9092-4LC	Cubitainer®	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 1.00 Normal (ASTM E200)

Normality = 0.9995 - 1.0005 @20°C

Item No.	Pkg Type	Case
9088-20L	Cubitainer®	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 1.5 Normal NIST Traceable Solution

Normality = 1.4991 - 1.5009 @20°C

Item No.	Pkg Type	Case
9095-500ML	Clear Plastic	6
9095-1L	Clear Plastic	6
9095-4L	Clear Plastic	4



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 1.8 Normal NIST Traceable Solution

Normality = 1.7990 - 1.8010 @20°C

Item No.	Pkg Type	Case
9091-10L	Cubitainer®	
9091-20L	Cubitainer®	
9091-15GAL	Poly Drum	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 1.8 Normal 0.004% Manganese Sulfate, NIST Traceable

Normality = 1.7991 - 1.8009 @20°C

Item No.	Pkg Type	Case
9089-1L	Clear Plastic	
9089-4L	Beta Bottle	
9089-10LC	Cubitainer®	
9089-10LHP	Clear Plastic	
9089-20L	Cubitainer®	
9089-20LHP	Clear Plastic	
9089-15GAL	Poly Drum	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 1.8 Normal 0.008% Manganese Sulfate, NIST Traceable

Normality = 1.7991 - 1.8009 @20°C

Item No.	Pkg Type	Case
9148-20LHP	Clear Plastic	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 2.0 Normal NIST Traceable Solution

Normality = 1.9990 - 2.0010 @20°C

Item No.	Pkg Type	Case
9100-500ML	Clear Plastic	6
9100-1L	Clear Plastic	6
9100-4L	Clear Plastic	4
9100-4LC	Cubitainer®	4
9100-20L	Cubitainer®	
9100-20LHP	Clear Plastic	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 3.0 Normal NIST Traceable Solution

Normality = 2.9991 - 3.0009 @20°C

Item No.	Pkg Type	Case
9093-4L	Clear Plastic	4
9093-4LC	Cubitainer®	4
9093-10L	Cubitainer®	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 4.0 Normal NIST Traceable Solution

Normality = 3.9950 - 4.0050 @20°C

Item No.	Pkg Type	Case
9096-500ML	Clear Plastic	12
9096-1L	Clear Plastic	
9096-4L	Clear Plastic	4
9096-10L	Cubitainer®	
9096-20L	Cubitainer®	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 5.0 Normal NIST Traceable Solution

Normality = 4.9950 - 5.0050 @20°C

Item No.	Pkg Type	Case
9109-1L	Clear Plastic	6
9109-1LG	Amber Glass	
9109-4L	Clear Plastic	4
9109-4LC	Cubitainer®	4



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 5.25 Normal NIST Traceable Solution

Normality = 5.2400 - 5.2600 @20°C

Item No.	Pkg Type	Case
9098-100ML	Clear Plastic	12
9098-500ML	Clear Plastic	6
9098-1L	Clear Plastic	6



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 5.6 Normal NIST Traceable Solution

Normality = 5.5900 - 5.6100 @20°C

Item No.	Pkg Type	Case
9101-500ML	Clear Plastic	
9101-1L	Clear Plastic	
9101-4L	Clear Plastic	4
9101-20L	Cubitainer®	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 6.0 Normal NIST Traceable Solution

Normality = 5.9900 - 6.0100 @20°C

Item No.	Pkg Type	Case
9099-1L	Clear Plastic	6
9099-4L	Clear Plastic	4
9099-4LC	Cubitainer®	
9099-20LHP	Clear Plastic	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 6.0 Normal w/ 40 mg/L Manganese Sulfate

Normality = 5.9700 - 6.0300 @20°C

Item No.	Pkg Type	Case
9113-20LHP	Clear Plastic	



DOT: UN 2796 Sulfuric acid mixture, 8, II

Sulfuric Acid 6.0 Normal w/ 350 mg/L Manganese Sulfate

Normality = 5.9700 - 6.0300 @20°C

Item No.	Pkg Type	Case
9119-20LNP	Clear Plastic	



DOT: UN 2796 Sulfuric acid solution, 8, II

Sulfuric Acid 7.0 Normal NIST Traceable Solution

Normality = 6.9900 - 7.0100 @20°C

Item No.	Pkg Type	Case
9108-1L	Clear Plastic	6
9108-4L	Clear Plastic	4
9108-4LC	Cubitainer®	4



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 8.0 Normal Solution

Item No.	Pkg Type	Case
SPE498 (1 L)	Clear Plastic	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 10 Normal NIST Traceable Solution

Normality = 9.950 - 10.050 @20°C

Item No.	Pkg Type	Case
9106-60ML	Clear Plastic Dropper	12
9106-100ML	Clear Plastic	
9106-250ML	Clear Plastic	
9106-500ML	Clear Plastic	6
9106-1L	Clear Plastic	6
9106-4L	Clear Plastic	4
9106-4LC	Cubitainer®	
9106-10L	Cubitainer®	
9106-20L	Cubitainer®	



DOT: UN 2796 Sulfuric acid, 8, II

Sulfuric Acid 12 Normal (6.0 M) NIST Traceable Solution

Normality = 11.950 - 12.050 @20°C

Item No.	Pkg Type	Case
9111-500ML	Clear Plastic	
9111-1L	Clear Plastic	6
9111-4L	Clear Plastic	4
9111-4LC	Cubitainer®	
9111-20L	Cubitainer®	
9111-20LHP	Clear Plastic	



DOT: UN 2796 Sulfuric acid, 8, II



Sulfuric Acid 14 Normal NIST Traceable Solution

Normality = 13.950 - 14.050 @20°C

Item No.	Pkg Type	Case
9104-500ML	Clear Plastic	
9104-1L	Clear Plastic	6
9104-4L	Clear Plastic	4
9104-10L	Cubitainer®	
9104-20L	Cubitainer®	



DOT: UN 1830 Sulfuric acid, 8, II

Sulfuric Acid 18 Normal Solution

Item No.	Pkg Type	Case
S9299-500ML	Clear Plastic	6
S9299-1L	Clear Plastic	6
S9299-2.5L	Clear Glass	6



DOT: UN 1830 Sulfuric acid solution, 8, II

Sulfuric Acid 19.2 Normal Solution

Item No.	Pkg Type	Case
9112-100ML	Clear Plastic	
9112-500ML	Clear Plastic	
9112-1L	Clear Plastic	



DOT: UN 1830 Sulfuric acid solution, 8, II

Sulfuric/Phosphoric Acid 1:1 Solution

Item No.	Pkg Type	Case
SPX523 (4 L)	Beta Bottle	4



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric Acid, Phosphoric Acid 85%), 8, II

Synthetic Sea Salt See Sea Salt, Synthetic

Talcum Laboratory Grade Powder

$H_2Mg_5O_{12}Si_4$ F.W. 379.27 CAS# 14807-96-6

Item No.	Pkg Type	Case
T1501-500G	Clear Plastic	
T1501-2.5KG	Poly Lined Box	



DOT: Not Regulated

TAN Solvent See Neutralization Number Solvent

Tannic Acid Reagent ACS Grade Powder

$C_{76}H_{52}O_{46}$ F.W. 1,701.23 CAS# 1401-55-4

Item No.	Pkg Type	Case
T2014-125G	Clear Plastic	
T2014-500G	Clear Plastic	

DOT: Not Regulated

Specifications

Identification	Passes test
Loss on drying	≤ 12.0%
Residue after ignition	≤ 0.5%
Heavy metals (as Pb)	≤ 0.003%
Zinc (Zn)	≤ 0.005%
Sugars, dextrin	Passes test

Tannic Acid Laboratory Grade Powder

$C_{76}H_{52}O_{46}$ F.W. 1,701.23 CAS# 1401-55-4

Item No.	Pkg Type	Case
T2016-100G	Clear Plastic	
T2016-500G	Clear Plastic	
T2016-2.5KG	Clear Plastic	4
T2016-12KG	White Pail	

DOT: Not Regulated

Tartaric Acid Reagent ACS Grade Crystal

$C_4H_6O_6$ F.W. 150.09 CAS# 87-69-4

Item No.	Pkg Type	Case
T2600-125G	Clear Plastic	
T2600-500G	Clear Plastic	



DOT: Not Regulated

Specifications

Assay	≥ 99.0%
Insoluble matter	≤ 0.005%
Residue after ignition	≤ 0.02%
Chloride (Cl)	≤ 0.001%
Oxalate (C_2O_4)	Passes test
Phosphate (PO_4)	≤ 0.001%
Sulfur compounds (as SO_4)	≤ 0.002%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

L-Tartaric Acid Laboratory Grade

$C_4H_6O_6$ F.W. 150.09 CAS# 87-69-4

Item No.	Pkg Type	Case
T2602-500G	Clear Plastic	
T2602-2.5KG	Clear Plastic	



DOT: Not Regulated

Tartaric Acid 2% w/v Aqueous Solution

Item No.	Pkg Type	Case
9160-500ML	Clear Plastic	6
9160-1L	Clear Plastic	6
9160-4L	Clear Plastic	

DOT: Not Regulated

Tartaric Acid 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
9164-500ML	Clear Plastic	
9164-1L	Clear Plastic	

DOT: Not Regulated

Tartrate Buffer for TKN

Item No.	Pkg Type	Case
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ND656 (1 L) Clear Plastic



DOT: UN 3266 Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide), 8, II

TCLP Extraction Fluid #1 Prepared to EPA 1311 pH = 4.93 ± 0.05

pH = 4.93 +/- 0.05 @25°C

Item No.	Pkg Type	Case
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9172-4L Clear Plastic 4

9172-20L Cubitainer®



DOT: Not Regulated

TCLP Extraction Fluid #2 Prepared to EPA 1311 pH = 2.88 ± 0.05

pH = 2.88 +/- 0.05 @25°C

Item No.	Pkg Type	Case
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9173-4L Clear Plastic 4

9173-20L Cubitainer®



DOT: Not Regulated

Tetrabutylammonium Hydroxide 40% w/w in Water

Item No.	Pkg Type	Case
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T3508-100G Clear Plastic

T3508-500G Clear Plastic

T3508-1KG Amber Glass



DOT: UN 3267 Corrosive liquid, basic, organic, n.o.s. (Tetrabutylammonium Hydroxide 30-Hydrate), 8, II

Tetrabutylammonium Hydroxide 0.01 Normal in IPA, Certified Solution

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
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9195-1L Amber Glass



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Tetrabutylammonium Hydroxide 0.01N in Methanol

Normality = 0.0095 - 0.0105 @20°C

Item No.	Pkg Type	Case
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SPX045 (1 L) Amber Glass

SPX045A (4 L) Amber Glass



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Tetrabutylammonium Hydroxide 0.1N in 90% IPA

Normality = 0.0990 - 0.1010 @20°C

Item No.	Pkg Type	Case
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9197-500ML Amber Glass

9197-1L Amber Glass

9197-4L Amber Glass



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol, Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Tetrabutylammonium Hydroxide 0.1 Normal in Methanol

Normality = 0.0991- 0.1009 @20°C

Item No.	Pkg Type	Case
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9193-2.5L Coated Glass



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Tetrabutylammonium Hydroxide 1.0 Molar in Methanol, Certified

Molarity = 0.9900 - 1.0100 @20°C

Item No.	Pkg Type	Case
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T3501-100ML Amber Glass

T3501-500ML Amber Glass

T3501-1L Amber Glass



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Methanol, Tetrabutylammonium Hydroxide 30-Hydrate), 3(8), II

WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Tetrachloroethylene Laboratory Grade

CCl₂:CCl₂ F.W. 165.83 CAS# 127-18-4

Item No.	Pkg Type	Case
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T4000-500ML Amber Glass

T4000-4L Amber Glass 4

T4000-20L Metal Can



DOT: UN 1897 Tetrachloroethylene, 6.1, III

WARNING: Cancer - www.P65Warnings.ca.gov.

TEAB in Acetic Acid 20% w/v Solution ASTM D1652

Item No.	Pkg Type	Case
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SPE959 (1 L) Amber Glass



DOT: UN 1760 Corrosive liquids, n.o.s. (Acetic Acid, Glacial), 8, II

Tetraethylammonium Bromide 40% w/w in Acetic Acid

Item No.	Pkg Type	Case
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9210-500ML Amber Glass 6

9210-1L Amber Glass 4



DOT: UN 1760 Corrosive liquids, n.o.s. (Acetic Acid, Glacial, Acetic Anhydride), 8, II



Tetrahydrofuran (Stabilized) Reagent ACS Grade

C ₄ H ₈ O	F.W. 72.11	CAS# 109-99-9
Item No.	Pkg Type	Case
T5110-500ML	Amber Glass	6
T5110-1L	Amber Glass	6
T5110-4L	Amber Glass	4
T5110-20L	Metal Can	



DOT: UN 2056 Tetrahydrofuran, 3, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.0% C ₄ H ₈ O
Peroxide (as H ₂ O ₂)	≤ 0.015%
Residue after evaporation	≤ 0.03%
Water	≤ 0.05%
Color (APHA)	≤ 20
Do not heat to dryness. May form explosive peroxides.	

Tetrahydrofuran (Stabilized) HPLC Grade

C ₄ H ₈ O	F.W. 72.11	CAS# 109-99-9
Item No.	Pkg Type	Case
T5112-4L	Amber Glass	4



DOT: UN 2056 Tetrahydrofuran, 3, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.9%
Color (APHA)	≤ 10
Filtered through 0.2 um Filter	To pass test
Peroxide (as H ₂ O)	≤ 0.01%
Stabilizer (BHT)	~ 0.025%
Titration Acid	≤ 1.0 µeq/g
Water (H ₂ O)	≤ 0.03%
Flashpoint: -14°C (6°F)	

Tetrahydrofuran 99+% (Stabilized)

C ₄ H ₈ O	F.W. 72.11	CAS# 109-99-9
Item No.	Pkg Type	Case
T5113-500ML	Amber Glass	6
T5113-1L	Amber Glass	6
T5113-4L	Amber Glass	4
T5113-20L	Metal Can	



DOT: UN 2056 Tetrahydrofuran, 3, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Tetrahydrofuran (Unstabilized) HPLC Grade

C ₄ H ₈ O	F.W. 72.11	CAS# 109-99-9
Item No.	Pkg Type	Case
T5111-4L	Amber Glass	4



DOT: UN 2056 Tetrahydrofuran, 3, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.9%
Color (APHA)	≤ 10
Residue after evaporation	≤ 0.03%
Titration acid	≤ 1.0 µeq/g
Peroxide (as H ₂ O ₂ ; at time of packaging)	≤ 0.015%
Water (H ₂ O)	≤ 0.03%
Flashpoint: -14°C (6°F)	

Thallium AA Standard 1,000 ppm in 3.5% HNO₃, NIST Traceable Solution

Item No.	Pkg Type	Case
9250-100ML	Clear Plastic	
9250-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Thermo TAN Solvent (ASTM D8045)

Item No.	Pkg Type	Case
SPX608A (1 L)	Amber Glass	
SPX608 (4 L)	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Xylene (Xylol), Isopropanol), 3, III

THAM See Tris Hydroxymethyl Aminomethane

Thioacetamide Reagent ACS Grade

CH ₃ SNH ₂	F.W. 75.13	CAS# 62-55-5
Item No.	Pkg Type	Case
T4600-25G	Amber Glass	
T4600-100G	Amber Glass	
T4600-500G	Amber Glass	



DOT: Not Regulated

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.0% CH ₃ CSNH ₂
Melting point	111 - 114°C
Clarity of a 2% solution	Passes test
Residue after ignition	≤ 0.05%

Thymol Laboratory Grade Crystal

C ₆ H ₄ (CH ₃)(OH)(C ₆ H ₅)	F.W. 150.22	CAS# 89-83-8
Item No.	Pkg Type	Case
T4950-25G	Amber Glass	12
T4950-100G	Amber Glass	12
T4950-500G	Amber Glass	12



DOT: UN 3261 Corrosive solid, acidic, organic, n.o.s. (Thymol), 8, III

Thymol Blue Reagent ACS Free Acid

C ₂₇ H ₃₀ O ₅ S	F.W. 466.6	CAS# 76-61-9
pH = 1.2 Pink to 2.8 Yellow - 8.0 Yellow to 9.2 Blue		

Item No.	Pkg Type	Case
T4953-5G	Amber Glass	
T4953-25G	Amber Glass	

DOT: Not Regulated

Specifications

Clarity of solution	Passes test
Visual transition interval (acid range)	From pH 1.2 (pink) to pH 2.8 (yellow)
Visual transition interval (alkaline range)	From pH 8.0 (yellow) to pH 9.2 (blue)

Thymol Blue Sodium Salt Reagent ACS Grade

C27H29NaO6S F.W. 488.58 CAS# 62625-21-2
pH = 1.2 Pink to 2.8 Yellow - 8.0 Yellow to 9.2 Blue

Item No.	Pkg Type	Case
T4954-5G	Amber Glass	12
T4954-25G	Amber Glass	12

DOT: Not Regulated

Specifications

Clarity of solution To pass test

Visual transition interval (acid range) From pH 1.2 (pink) to
pH 2.8 (yellow)

Visual transition interval From pH 8.0 (yellow) to
(alkaline range) pH 9.2 (blue)

Thymol Blue Indicator 0.04% w/v Solution

pH = 1.2 Pink to 2.8 Yellow - 8.0 Yellow to 9.2 Blue

Item No.	Pkg Type	Case
T4955-100ML	Clear Plastic	
T4955-500ML	Clear Plastic	12
T4955-1L	Clear Plastic	6

DOT: Not Regulated

Thymol Blue Indicator 0.04% in IPA

pH = 1.2 Pink to 2.8 Yellow - 8.0 Yellow to 9.2 Blue

Item No.	Pkg Type	Case
9300-100ML	Clear Plastic	12
9300-500ML	Clear Plastic	6
9300-1L	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Thymol Blue Indicator 0.1% w/v in Methanol

pH = 1.2 Pink to 2.8 Yellow - 8.0 Yellow to 9.2 Blue

Item No.	Pkg Type	Case
9360-100ML	Clear Plastic	12
9360-500ML	Clear Plastic	6
9360-1L	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Thymol Blue Indicator 0.4% w/v Solution

pH = 1.2 Pink to 2.8 Yellow - 8.0 Yellow to 9.2 Blue

Item No.	Pkg Type	Case
9340-100ML	Clear Plastic	12
9340-500ML	Clear Plastic	6

DOT: Not Regulated

Thymol Blue Indicator 0.4% in IPA

pH = 1.2 Pink to 2.8 Yellow - 8.0 Yellow to 9.2 Blue

Item No.	Pkg Type	Case
9350-100ML	Clear Plastic	12
9350-500ML	Clear Plastic	12



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Thymolphthalein Reagent ACS Grade Powder

C28H30O4 F.W. 430.54 CAS# 125-20-2
pH = 8.8 Colorless - 10.5 Blue

Item No.	Pkg Type	Case
T4982-5G	Clear Plastic	
T4982-25G	Amber Glass	
T4982-50G	Clear Plastic	
T4982-500G	Clear Plastic	

DOT: Not Regulated

Specifications

Clarity of solution Passes Test

Visual transition interval From pH 8.8 (colorless)
to pH 10.5 (blue)

Thymolphthalein Indicator 0.05% w/v in 50% Alcohol

pH = 8.8 Colorless - 10.5 Blue

Item No.	Pkg Type	Case
T4987-100ML	Clear Plastic	12
T4987-500ML	Clear Plastic	6
T4987-1L	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Thymolphthalein Indicator 0.05% w/v in 90% IPA

pH = 8.8 Colorless - 10.5 Blue

Item No.	Pkg Type	Case
9401-500ML	Clear Plastic	6
9401-1L	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Thymolphthalein Indicator 0.1% w/v in 90% IPA

pH = 8.8 Colorless - 10.5 Blue

Item No.	Pkg Type	Case
9400-100ML	Clear Plastic	12
9400-500ML	Clear Plastic	6
9400-1L	Clear Plastic	6



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Thymolphthalein Indicator 0.1% TS

pH = 8.8 Colorless - 10.5 Blue

Item No.	Pkg Type	Case
9380-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethanol, Methanol, Isopropanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Thymolphthalein Indicator 0.1% w/v in Methanol

pH = 8.8 Colorless - 10.5 Blue

Item No.	Pkg Type	Case
9399-500ML	Clear Plastic	
9399-4L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

 WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.



Thymolphthalein Indicator 0.5% w/v in Isopropyl Alcohol

pH = 8.8 Colorless - 10.5 Blue

Item No.	Pkg Type	Case
9384-100ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Isopropanol), 3, II

Thymolphthalein Indicator 1% w/v (10 g/L) in Methanol

pH = 8.8 Colorless - 10.5 Blue

Item No.	Pkg Type	Case
9405-500ML	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Thymolphthalein 10% w/v in Methanol

pH = 8.8 Colorless - 10.5 Blue

Item No.	Pkg Type	Case
9410-100ML	Clear Plastic	12
9410-500ML	Clear Plastic	6
9410-1L	Clear Plastic	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II

WARNING: Reproductive Harm -
www.P65Warnings.ca.gov.

Tin Metal Reagent ACS Grade Shot

Sn F.W. 118.71 CAS# 7440-31-5

Item No.	Pkg Type	Case
T5075-125G	Clear Plastic	12
T5075-500G	Clear Plastic	12
T5075-2.5KG	Clear Plastic	4

DOT: Not Regulated

Specifications

Assay	≥ 99.5% Sn
Antimony (Sb)	≤ 0.02%
Arsenic (As)	≤ 1 ppm
Copper (Cu)	≤ 0.005%
Iron (Fe)	≤ 0.01%
Lead (Pb)	≤ 0.005%

Tin Metal Foil, 0.0015" x 12" Wide

Sn F.W. 118.71 CAS# 7440-31-5

Item No.	Pkg Type	Case
T5053-100G	Envelope	12
T5053-500G	Envelope	12

DOT: Not Regulated

Tin AA Standard 1,000 mg/L as Sn (1 ml = 1 mg) NIST Traceable in 5% HNO₃

In 5% HNO₃

Item No.	Pkg Type	Case
9450-100ML	Clear Plastic	
9450-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

TISAB Solution (Total Ionic Strength Adj. Buffer), APHA/EPA for Fluoride

Item No.	Pkg Type	Case
9451-500ML	Clear Plastic	6
9451-1L	Clear Plastic	6
9451-4L	Clear Plastic	4
9451-4LC	Cubitainer®	
9451-10L	Cubitainer®	
9451-20L	Cubitainer®	



DOT: Not Regulated

TISAB Solution (Total Ionic Strength Adj. Buffer), ASTM D1179 for Fluoride

Item No.	Pkg Type	Case
9453-4L	Clear Plastic	4
9453-20L	Cubitainer®	



DOT: Not Regulated

TISAB III (Total Ionic Strength Adj. Buffer) Solution For Fluoride Analysis

Item No.	Pkg Type	Case
9458-4L	Clear Plastic	



DOT: Not Regulated

Titanium AA Standard 1,000 ppm Solution NIST Traceable

Item No.	Pkg Type	Case
9550-100ML	Clear Plastic	
9550-500ML	Clear Plastic	

DOT: Not Regulated

Titration Solvent See Also Acid, Base, Neutral or Bromine Index

Titration Solvent 2:1 Chlorobenzene:Acetic ASTM D2896

Prepared to ASTM D2896

Item No.	Pkg Type	Case
9554-4L	Amber Glass	4



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Chlorobenzene, Acetic Acid, Glacial), 3(8), II

o-Tolidine Dihydrochloride Reagent ACS Grade

C14H16N2•2HCl F.W. 285.22 CAS# 612-82-8

Item No.	Pkg Type	Case
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T7215-100G Amber Glass



DOT: Not Regulated

 **WARNING: Cancer** - www.P65Warnings.ca.gov.

Specifications

Sensitivity to Chlorine	Passes test
Solubility	Passes test
Residue after Ignition	≤ 0.1%

o-Tolidine Reagent APHA for Residual Chlorine

Item No.	Pkg Type	Case
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9590-500ML Amber Plastic



DOT: UN 1789 Hydrochloric acid solution, 8, II

 **WARNING: Cancer** - www.P65Warnings.ca.gov.

Toluene Reagent ACS Grade

C6H5CH3 F.W. 92.14 CAS# 108-88-3

Item No.	Pkg Type	Case
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T7601-500ML Amber Glass 6

T7601-1L Amber Glass 6

T7601-4L Amber Glass 4

T7601-4L(PVC) Coated Glass 4

T7601-10LHP Clear Plastic

T7601-20L Metal Can

T7601-20LHP Clear Plastic

T7601-200L Metal Drum



DOT: UN 1294 Toluene, 3, II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.5%
Residue after Evaporation	≤ 0.001%
Substances darkened by H ₂ SO ₄	Passes test
Sulfur Compounds (as S)	≤ 0.003%
Water (H ₂ O)	≤ 0.03%
Color(APHA)	≤ 10

Toluene HPLC Grade

C6H5CH3 F.W. 92.14 CAS# 108-88-3

Item No.	Pkg Type	Case
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T7606-4L Amber Glass 4



DOT: UN 1294 Toluene, 3, II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Specifications

Assay	≥ 99.8%
Color (APHA)	≤ 10
Residue after evaporation	≤ 5 ppm
Sulfur compounds (as S)	≤ 0.003%
Substances darkened by sulfuric acid	To pass test
Water (H ₂ O)	≤ 0.02%

Toluene Laboratory Grade

C6H5CH3 F.W. 92.14 CAS# 108-88-3

Item No.	Pkg Type	Case
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T7614-500ML Amber Glass 12

T7614-1L Amber Glass 6

T7614-4L Amber Glass 4

T7614-20L Metal Can



DOT: UN 1294 Toluene, 3, II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Toluene Primary Reference Fuel

C6H5CH3 F.W. 92.14 CAS# 108-88-3

Item No.	Pkg Type	Case
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T7603-4L Amber Glass

T7603-20L Metal Can

T7603-200L Metal Drum



DOT: UN 1294 Toluene, 3, II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Toluene Standard Fuel 93.4

Item No.	Pkg Type	Case
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T7624-200L Metal Drum



DOT: UN 1268 Petroleum distillates, n.o.s. (Toluene, n-Heptane), 3, II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Toluene Technical Grade 99%

C6H5CH3 F.W. 92.14 CAS# 108-88-3

Item No.	Pkg Type	Case
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T7616-500ML Amber Glass 12

T7616-4L Amber Glass 4

T7616-4LP Fluorinated Plastic

T7616-20L Metal Can

T7616-20LHP Clear Plastic

T7616-200L Metal Drum



DOT: UN 1294 Toluene, 3, II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Water Saturated Toluene

Item No.	Pkg Type	Case
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ND360A (1 L) Amber Glass

ND360 (4 L) Amber Glass



DOT: UN 1294 Toluene solution, 3, II

 **WARNING: Reproductive Harm** - www.P65Warnings.ca.gov.

Water Saturated Toluene with 25 ml/gal Demulsifier/ASTM D1796, D4007

Item No.	Pkg Type	Case
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UNI002 Amber Glass



DOT: UN 1993 Flammable liquids, n.o.s. (Toluene), 3, II

 **WARNING: Cancer and Reproductive Harm** - www.P65Warnings.ca.gov.



Toluene/IPA/Acetone

1:1:1 v/v

Item No.	Pkg Type	Case
ND595 (4 L)	Amber Glass	
		
DOT: UN 1993 Flammable liquids, n.o.s. (Toluene, Isopropanol , Acetone), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov .		

Toluene/Iso-Octane 30/70 % V/V Solution (Zero)

Item No.	Pkg Type	Case
ND527 (4 L)	Amber Glass	
		
DOT: UN 1993 Flammable liquids, n.o.s. (Octanes, Toluene), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov .		

Toluidine Blue 1.0% w/v Solution

Item No.	Pkg Type	Case
9548-100ML	Clear Plastic	
9548-500ML	Clear Plastic	6
DOT: Not Regulated		

Total Acid Number (TAN) Standard 0.1 mg/gm KOH Certified to ASTM D664

Assay = 0.08 - 0.12 mg/g KOH

Item No.	Pkg Type	Case
9141-500ML	Amber Glass	
9141-1L	Amber Glass	
		
DOT: Not Regulated		

Total Acid Number (TAN) Standard 0.2 mg/gm KOH Certified to ASTM D664

Assay = 0.17- 0.23 mg/g KOH

Item No.	Pkg Type	Case
9146-25G	Amber Glass	
9146-50G	Amber Glass	
9146-1L	Amber Glass	
		
DOT: Not Regulated		

Total Acid Number (TAN) Standard 0.5 mg/gm KOH Certified to ASTM D664

Assay = 0.45 - 0.55 mg/g KOH

Item No.	Pkg Type	Case
9144-100ML	Amber Glass	
9144-500ML	Amber Glass	
9144-1L	Amber Glass	
		
DOT: Not Regulated		

Total Acid Number (TAN) Standard 1.0 mg KOH/gm Certified ASTM D664

Assay = 0.90 - 1.10 mg/g KOH

Item No.	Pkg Type	Case
9143-500ML	Amber Glass	
9143-1L	Amber Glass	
		
DOT: Not Regulated		

Total Acid Number (TAN) Standard 2.5 mg KOH/gm ASTM D664

Assay = 2.45 - 2.55% mg/g KOH

Item No.	Pkg Type	Case
9140-500ML	Amber Glass	
		
DOT: Not Regulated		

Total Acid Number (TAN) Standard 5.0 mg KOH/gm ASTM D664

Assay = 4.92 - 5.08% mg/g KOH

Item No.	Pkg Type	Case
9142-500ML	Amber Glass	
9142-4L	Amber Glass	
		
DOT: Not Regulated		

Total Acid/Base Number Solvent (Tri-Solvent)

Item No.	Pkg Type	Case
SPE816 (4 L)	Amber Glass	
		
DOT: UN 1992 Flammable liquids, toxic, n.o.s. (Isopropanol , Toluene, Chloroform), 3(6.1), II		
 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov .		

Total Base Number Solvent

Item No.	Pkg Type	Case
ND655 (4 L)	Amber Glass	
		
DOT: UN 1993 Flammable liquids, n.o.s. (Toluene, Acetic Acid, Glacial, Acetone), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov .		

Total Base Number 0.1% w/w Standard NIST Traceable

Assay = 0.0900 - 0.1100%

Item No.	Pkg Type	Case
0962-100ML	Amber Glass	
0962-500ML	Amber Glass	
		
DOT: UN 1993 Flammable liquids, n.o.s. (Toluene), 3, II		
 WARNING: Reproductive Harm - www.P65Warnings.ca.gov .		

Zero Solution <0.05 mg/L Total Organic Carbon

H ₂ O	F.W. 18.02	CAS# (773)
Item No.	Pkg Type	Case
9558-1L	Amber Glass	
9558-4L	Amber Glass	
DOT: Not Regulated		

Total Organic Carbon Standard 1.0 mg/L (ppm) Certified (EPA 415.1)

2 month expiration

Item No.	Pkg Type	Case
9555-500ML	Amber Glass	
9555-1L	Amber Glass	
9555-4L	Amber Glass	
DOT: Not Regulated		

Total Organic Carbon Standard 2.0 mg/L (ppm) Certified (EPA 415.1)

2 month expiration

Item No.	Pkg Type	Case
9561-500ML	Amber Glass	6
9561-1L	Amber Glass	6
9561-4L	Amber Glass	
DOT: Not Regulated		

Total Organic Carbon Standard 2.5mg/L (ppm) Certified (EPA 415.1)

2 month expiration

Item No.	Pkg Type	Case
9557-500ML	Amber Glass	



DOT: Not Regulated

Total Organic Carbon Standard 5.0 mg/L (ppm) Certified (EPA 415.1)

2 month expiration

Item No.	Pkg Type	Case
9563-250ML	Amber Glass	
9563-500ML	Amber Glass	6
9563-1L	Amber Glass	6
9563-4L	Amber Glass	

DOT: Not Regulated

Total Organic Carbon Standard 10.0 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9564-500ML	Amber Glass	6
9564-254	Coated Glass	
9564-1L	Amber Glass	6
9564-4L	Amber Glass	

DOT: Not Regulated

Total Organic Carbon Standard 15.0 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9586-500ML	Amber Glass	
9586-1L	Amber Glass	
9586-4L	Amber Glass	



DOT: Not Regulated

Total Organic Carbon Standard 20.0 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9565-500ML	Amber Glass	6
9565-254	Coated Glass	
9565-1L	Amber Glass	6
9565-4L	Amber Glass	

DOT: Not Regulated

Total Organic Carbon Standard 25.0 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9567-500ML	Amber Glass	6
9567-1L	Amber Glass	6
9567-247	Coated Glass	
9567-4L	Amber Glass	
9567-4LP	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 35.0 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9587-500ML	Amber Glass	
9587-1L	Amber Glass	
9587-4L	Amber Glass	

DOT: Not Regulated

Total Organic Carbon Standard 40.0 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9559-1L	Amber Glass	
9559-4L	Amber Glass	
9559-4LC	Cubitainer®	
9559-20L	Cubitainer®	

DOT: Not Regulated

Total Organic Carbon Standard 50.0 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9571-500ML	Amber Glass	6
9571-1L	Amber Glass	6
9571-247	Coated Glass	
9571-4L	Amber Glass	

DOT: Not Regulated

Total Organic Carbon Standard 75.0 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9569-500ML	Amber Glass	
9569-1L	Amber Glass	6
9569-4L	Amber Glass	

DOT: Not Regulated

Total Organic Carbon Standard 100.0 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9572-500ML	Amber Glass	6
9572-254	Coated Glass	
9572-1L	Amber Glass	6
9572-1LP	Amber Plastic	
9572-247	Coated Glass	
9572-4L	Amber Glass	
9572-4LC	Cubitainer®	
9572-4LP	Amber Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 125 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9562-1L	Clear Plastic	6

DOT: Not Regulated

Total Organic Carbon Standard 150 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9579-500ML	Clear Plastic	6
9579-1L	Clear Plastic	
9579-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 200 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9566-500ML	Clear Plastic	6
9566-1L	Clear Plastic	6
9566-1LG	Amber Glass	
9566-4L	Clear Plastic	
9566-10L	Cubitainer®	

DOT: Not Regulated



Total Organic Carbon Standard 250 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9574-500ML	Clear Plastic	6
9574-1L	Clear Plastic	6
9574-4L	Clear Plastic	



DOT: Not Regulated

Total Organic Carbon Standard 300 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9602-500ML	Clear Plastic	
9602-1L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 400 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9596-500ML	Clear Plastic	
9596-1L	Clear Plastic	
9596-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 500 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9573-500ML	Clear Plastic	6
9573-1L	Clear Plastic	6
9573-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 750 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9605-1L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 800 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9592-1L	Clear Plastic	
9592-4L	Clear Plastic	
9592-10L	Cubitainer®	



DOT: Not Regulated

Total Organic Carbon Standard 1,000 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9570-500ML	Clear Plastic	6
9570-1L	Clear Plastic	6
9570-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 1,500 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9583-500ML	Clear Plastic	12
9583-1L	Clear Plastic	
9583-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 2,000 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9575-500ML	Clear Plastic	6
9575-1L	Clear Plastic	6
9575-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 2,500 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9597-500ML	Clear Plastic	
9597-1L	Clear Plastic	
9597-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 3,000 mg/L (ppm) Certified (EPA 415.1)

3 month expiration

Item No.	Pkg Type	Case
9576-500ML	Clear Plastic	6
9576-1L	Clear Plastic	6
9576-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 4,000 mg/L (ppm) Certified (EPA 415.1)

2 month expiration

Item No.	Pkg Type	Case
9584-500ML	Clear Plastic	
9584-1L	Clear Plastic	6
9584-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 5,000 mg/L (ppm) Certified (EPA 415.1)

6 month expiration

Item No.	Pkg Type	Case
9577-500ML	Clear Plastic	6
9577-1L	Clear Plastic	6
9577-2.4L	Peroxide Bottle	
9577-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 6,000 mg/L (ppm) Certified (EPA 415.1)

2 month expiration

Item No.	Pkg Type	Case
9593-1L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 8,000 mg/L (ppm) Certified (EPA 415.1)

2 month expiration

Item No.	Pkg Type	Case
9588-1L	Clear Plastic	
9588-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 10,000 mg/L (ppm) Solution (KHP) Certified

2 month expiration

Item No.	Pkg Type	Case
9594-500ML	Clear Plastic	
9594-1L	Clear Plastic	
9594-2.4L	Peroxide Bottle	
9594-4L	Clear Plastic	
9594-10L	Cubitainer®	

DOT: Not Regulated

Total Organic Carbon Standard 10,000 mg/L (ppm) (Ethylene Glycol) Certified

2 month expiration

Item No.	Pkg Type	Case
9578-500ML	Clear Plastic	6
9578-1L	Clear Plastic	6
9578-4L	Clear Plastic	

DOT: Not Regulated

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Total Organic Carbon Standard 15,000 mg/L (ppm) Solution (KHP)

2 month expiration

Item No.	Pkg Type	Case
9591-1L	Clear Plastic	
9591-2.4L	Peroxide Bottle	
9591-4L	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon Standard 20,000 mg/L (ppm) (Ethylene Glycol)

2 month expiration

Item No.	Pkg Type	Case
9585-500ML	Clear Plastic	
9585-1L	Clear Plastic	6
9585-4L	Clear Plastic	

DOT: Not Regulated

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Total Organic Carbon Standard 25,000 mg/L (ppm) (Ethylene Glycol)

6 month expiration

Item No.	Pkg Type	Case
SPX753 (4 L)	Clear Plastic	

DOT: Not Regulated

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Total Organic Carbon 30 ppm IC 20 ppm, Certified Solution

3 month expiration

Item No.	Pkg Type	Case
ND545 (1 L)	Clear Plastic	

DOT: Not Regulated

Total Carbon Standard 200 ppm TOC=100 ppm IC=100ppm

2 month expiration, Certified

Item No.	Pkg Type	Case
ND004 (1 L)	Clear Plastic	
ND004A (4 L)	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon 200 mg/L TIC 50 mg/L Solution Certified

2 month expiration

Item No.	Pkg Type	Case
ND228 (500 ML)	Amber Glass	

DOT: Not Regulated

Total Organic Carbon 500 ppm TIC 500 ppm Solution Certified

2 month expiration

Item No.	Pkg Type	Case
ND119A (500 ML)	Clear Plastic	
ND119 (1 L)	Clear Plastic	

DOT: Not Regulated

Total Carbon Standard 1,000 ppm TOC = 800 ppm; IC = 200 ppm

2 month expiration, Certified

Item No.	Pkg Type	Case
SPE322 (1 L)	Clear Plastic	
SPE322A (4 L)	Clear Plastic	

DOT: Not Regulated

Total Organic Carbon 1,000 ppm IC 150 ppm, Certified Solution

2 month expiration

Item No.	Pkg Type	Case
ND658 (500 ML)	Clear Plastic	

DOT: Not Regulated

Total Carbon/Total Nitrogen Mix: 1,000 ppm TOC, 100 ppm TN Solution

3 month expiration

Item No.	Pkg Type	Case
SPX892 (4 L)	Amber Plastic	

DOT: Not Regulated

Total Organic Carbon 1,000 ppm Total Nitrogen Standard 200 ppm

3 month expiration

Item No.	Pkg Type	Case
ND572 (4 L)	Clear Plastic	

DOT: Not Regulated

Total Carbon/Total Nitrogen Mix: 2,000 ppm TOC, 200 ppm TN Solution

3 month expiration

Item No.	Pkg Type	Case
SPX891 (4 L)	Amber Plastic	

DOT: Not Regulated

Total Organic Carbon 2,000 ppm Total Nitrogen 250 ppm Aqueous Solution

3 month expiration

Item No.	Pkg Type	Case
SPX870 (4 L)	Clear Plastic	

DOT: Not Regulated

Total Suspended Solids 50.0 mg/L (TSS) (Shake well before use)

Item No.	Pkg Type	Case
SPE066 (1 L)	Clear Plastic	

DOT: Not Regulated

Total Suspended Solids 100 ppm Solution - Shake Well

Item No.	Pkg Type	Case
SPE295 (500 ML)	Clear Plastic	

DOT: Not Regulated

Total Suspended Solids 5,000 ppm Standard - Shake Well

Item No.	Pkg Type	Case
9581-1L	Clear Plastic	

DOT: Not Regulated



Trichloroacetic Acid Reagent ACS Grade Crystal

CCl3COOH F.W. 163.39 CAS# 76-03-9

Item No.	Pkg Type	Case
T7903-500G	Amber Glass	



DOT: UN 1839 Trichloroacetic acid, 8, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Specifications

Assay (<chem>CCl3COOH</chem>)	≥ 99.0%
Clarity of Solution	Passes test
Insoluble matter	≤ 0.01%
Residue after ignition	≤ 0.03%
Chloride (Cl)	≤ 0.002%
Nitrate (<chem>NO3</chem>)	≤ 0.002%
Phosphate (<chem>PO4</chem>)	≤ 5 ppm
Sulfate (<chem>SO4</chem>)	≤ 0.02%
Heavy metals (as Pb)	≤ 0.002%
Iron (Fe)	≤ 0.001%
Substances darkened by <chem>H2SO4</chem>	Passes test

Trichloroacetic Acid 5% w/v Solution

Item No.	Pkg Type	Case
9600-500ML	Amber Glass	6
9600-1L	Amber Glass	6
9600-4L	Amber Glass	4
9600-20L	Cubitainer®	



DOT: UN 2564 Trichloroacetic acid, solution, 8, III

WARNING: Cancer - www.P65Warnings.ca.gov.

Trichloroacetic Acid 10% w/v Solution

Assay = 9.8 - 10.2% w/v

Item No.	Pkg Type	Case
9610-500ML	Amber Glass	6
9610-1L	Amber Glass	6



DOT: UN 2564 Trichloroacetic acid, solution, 8, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Trichloroacetic Acid 20% w/v Solution

Assay = 19.5 - 20.5% w/v

Item No.	Pkg Type	Case
9612-100ML	Amber Glass	
9612-500ML	Amber Glass	
9612-1L	Amber Glass	



DOT: UN 2564 Trichloroacetic acid, solution, 8, II

WARNING: Cancer - www.P65Warnings.ca.gov.

Triethanolamine 99% Laboratory Grade

(HOCH2CH2)3N F.W. 149.19 CAS# 102-71-6

Item No.	Pkg Type	Case
T8000-500ML	Amber Glass	6
T8000-500MLP	Clear Plastic	6
T8000-1L	Amber Glass	6
T8000-4L	Amber Glass	4
T8000-20L	Metal Can	

DOT: Not Regulated

Triethanolamine 20% v/v Solution

Item No.	Pkg Type	Case
SPE446A (250 ML)	Clear Plastic	
SPE446B (4 L)	Amber Glass	
SPE446 (10 L)	Cubitainer®	

DOT: Not Regulated

Triethanolamine 50% v/v Solution

Item No.	Pkg Type	Case
9460-1L	Clear Plastic	
9460-4L	Amber Glass	

DOT: Not Regulated

2,2,4-Trimethylpentane (Iso-Octane) Reagent ACS Grade

(CH3)3CCH2CH(CH3)2 F.W. 114.23 CAS# 540-84-1

Item No.	Pkg Type	Case
T8262-500ML	Amber Glass	6
T8262-1L	Amber Glass	6
T8262-4L	Amber Glass	4
T8262-20L	Metal Can	



DOT: UN 1262 Octanes, 3, II

Specifications

Assay <chem>(CH3)3CCH2CH(CH3)2</chem>	≥ 99.0%
Residue after evaporation	≤ 0.001%
Water-soluble Titration acid	≤ 0.0003meq/g
Sulfur Compounds (as S)	≤ 0.005%
Color (APHA)	≤ 10

2,2,4-Trimethylpentane (Iso-Octane) HPLC Grade

(CH3)3CCH2CH(CH3)2 F.W. 114.23 CAS# 540-84-1

Item No.	Pkg Type	Case
T8263-4L	Amber Glass	4



DOT: UN 1262 Octanes, 3, II

Specifications

Assay	≥ 99.7%
Ultraviolet absorbance	
λ(nm)	205 220 230 240 254-400
Limit	1.00 0.20 0.10 0.04 0.01
Color (APHA)	≤ 10
Residue after evaporation	≤ 3 ppm
Titration acid (<chem>H2O</chem> Soluble)	≤ 0.3 μeq/g
Sulfur compounds (as S)	≤ 0.005%
Water	≤ 0.02%

2,2,4-Trimethylpentane (Iso-Octane) Primary Reference Fuel ≥ 99.75%

(CH3)3CCH2CH(CH3)2 F.W. 114.23 CAS# 540-84-1

Item No.	Pkg Type	Case
T8259-4L	Amber Glass	
T8259-20L	Metal Can	



DOT: UN 1262 Octanes, 3, II

2,2,4-Trimethylpentane (Iso-Octane) Low Sulfur Grade

(CH₃)₃CCH₂CH(CH₃)₂ F.W. 114.23 CAS# 540-84-1

Item No.	Pkg Type	Case
T8266-1L	Amber Glass	
T8266-4L	Amber Glass	



DOT: UN 1262 Octanes, 3, II

Iso-Octane-Acetic Acid 3:2 Solution

Item No.	Pkg Type	Case
SPE229 (4 L)	Amber Glass	



DOT: UN 2924 Flammable liquids, corrosive, n.o.s. (Octanes, Acetic Acid, Glacial), 3(8), II

Tris Hydroxymethyl Aminomethane (THAM) Reagent ACS Grade

H₂NC(CH₂OH)₃ F.W. 121.14 CAS# 77-86-1

Item No.	Pkg Type	Case
T8338-100G	Clear Plastic	
T8338-500G	Clear Plastic	

DOT: Not Regulated

Specifications

Assay (C ₄ H ₁₁ NO ₃)	99.8 - 100.1%
Absorbance	Passes test
Water (H ₂ O)	≤ 2%
Insoluble matter	≤ 0.005%
Heavy metals (as Pb)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm

Trisolvant Prepared to ASTM D3241

Acetone/Toluene/IPA 1:1:1

Item No.	Pkg Type	Case
9551-4L	Amber Glass	4



DOT: UN 1993 Flammable liquids, n.o.s. (Acetone, Toluene, Isopropanol), 3, II

 WARNING: Reproductive Harm - www.P65Warnings.ca.gov.

Triton X-100® Biological Surfactant

Item No.	Pkg Type	Case
T9010-500ML	Amber Glass	
T9010-1L	Amber Glass	
T9010-4L	Clear Plastic	
T9010-20L	Metal Can	



DOT: Not Regulated

Turbidity Standard (Formazin) 0.1 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3865-500ML	Amber Plastic	6
3865-4L	Amber Plastic	

DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 1 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3867-500ML	Amber Plastic	

DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 2 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3868-500ML	Amber Plastic	

DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 5 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3870-500ML	Amber Plastic	6
3870-1L	Amber Plastic	

DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 10 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3871-500ML	Amber Plastic	6
3871-1L	Amber Plastic	

DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 20 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3872-500ML	Amber Plastic	6
3872-1L	Amber Plastic	
3872-4L	Amber Plastic	

DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 50 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3873-500ML	Amber Plastic	6

DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 100 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3874-500ML	Amber Plastic	6
3874-1L	Amber Plastic	6
3874-4L	Amber Plastic	



DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 200 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3876-500ML	Amber Plastic	6
3876-1L	Amber Plastic	12



DOT: Not Regulated

 WARNING: Cancer - www.P65Warnings.ca.gov.



Turbidity Standard (Formazin) 400 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3878-500ML	Amber Plastic	
3878-1L	Amber Plastic	
3878-4L	Amber Plastic	



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 500 NTU (APHA)

2 week expiration

Item No.	Pkg Type	Case
3877-500ML	Amber Plastic	6



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 800 NTU (APHA)

3 month expiration

Item No.	Pkg Type	Case
SPE239 (500 ML)	Amber Plastic	



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 1,000 NTU (APHA)

6 month expiration

Item No.	Pkg Type	Case
3879-500ML	Amber Plastic	6
3879-4L	Amber Plastic	



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Turbidity Standard (Formazin) 4000 NTU (APHA)

12 month expiration

Item No.	Pkg Type	Case
3875-100ML	Amber Plastic	
3875-500ML	Amber Plastic	6
3875-1L	Amber Plastic	6
3875-4L	Amber Plastic	



DOT: Not Regulated



WARNING: Cancer - www.P65Warnings.ca.gov.

Universal Indicator Solution pH 2 - 10

Item No.	Pkg Type	Case
U3852-100ML	Amber Glass	12
U3852-500ML	Amber Glass	6
U3852-1L	Amber Glass	6
U3852-4L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Methanol), 3, II



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Urea Reagent ACS Grade Crystal

NH₂CONH₂ F.W. 60.06 CAS# 57-13-6

Item No.	Pkg Type	Case
U7690-500G	Clear Plastic	
U7690-2.5KG	Clear Plastic	

DOT: Not Regulated

Specifications

Assay (NH ₂ CONH ₂)	99.0 - 100.5%
Melting point	132 - 135° C
Insoluble matter	≤0.01%
Residue after ignition	≤ 0.01%
Chloride (Cl)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.001%
Heavy metals (as Pb)	≤ 0.001%
Iron (Fe)	≤ 0.001%

Urea Laboratory Grade

NH₂CONH₂ F.W. 60.06 CAS# 57-13-6

Item No.	Pkg Type	Case
U7692-500G	Clear Plastic	12
U7692-2.5KG	Clear Plastic	4
U7692-12KG	White Pail	
U7692-50LB	Lined Bag	

DOT: Not Regulated

Vanadate-Molybdate Reagent APHA for Phosphate

3 month expiration

Item No.	Pkg Type	Case
9705-500ML	Clear Plastic	
9705-1L	Clear Plastic	
9705-4L	Clear Plastic	4



DOT: UN 2922 Corrosive liquids, toxic, n.o.s. (Hydrochloric Acid, Ammonium Metavanadate), 8(6.1), II

Vanadium AA Standard 1,000 ppm NIST Traceable Solution

Item No.	Pkg Type	Case
9710-100ML	Clear Plastic	
9710-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, II



WARNING: Cancer - www.P65Warnings.ca.gov.

Viscosity Calibration Fluid 20 cSt, NIST Traceable

Item No.	Pkg Type	Case
V5020-500ML	Clear Plastic	

DOT: Not Regulated

Viscosity Calibration Fluid 50 cSt, NIST Traceable

Item No.	Pkg Type	Case
V5050-500ML	Clear Plastic	
V5050-4L	Clear Plastic	

DOT: Not Regulated

Viscosity Calibration Fluid 100 cSt, NIST Traceable

Item No.	Pkg Type	Case
V5100-500ML	Clear Plastic	
V5100-4L	Clear Plastic	
DOT: Not Regulated		

Viscosity Calibration Fluid 200 cSt, NIST Traceable

Item No.	Pkg Type	Case
V5200-500ML	Clear Plastic	
V5200-4L	Clear Plastic	
V5200-20L	Cubitainer®	
DOT: Not Regulated		

Viscosity Calibration Fluid 500 cSt, NIST Traceable

Item No.	Pkg Type	Case
V5500-500ML	Clear Plastic	
V5500-4L	Clear Plastic	
DOT: Not Regulated		

Water, Ultra Pure HPLC Grade

H ₂ O	F.W. 18.02	CAS# 7732-18-5
Item No.	Pkg Type	Case
W1089-500ML	Amber Glass	6
W1089-500MLP	Clear Plastic	
W1089-1L	Amber Glass	
W1089-4L	Amber Glass	4
W1089-4LC	Cubitainer®	4
W1089-4LP	Clear Plastic	
W1089-10L	Cubitainer®	
W1089-20L	Cubitainer®	
DOT: Not Regulated		

Specifications

Conductivity @25°C	≤ 0.055 µmhos
T.O.C.	≤ 50.0 ppb
Sodium	≤ 1.0 ppb
Chloride	≤ 1.0 ppb
Silica	≤ 3.0 ppb
Heavy Metals (as Pb)	≤ 10.0 ppb
Nitrate (NO ₃)	≤ 0.4 ppm
Phosphate, Sulfate	≤ 1.0 ppm
As, Cd, Pb, Ni	≤ 1.0 ppb
Cr, Cu	≤ 5.0 ppb
Ag, Hg	≤ 0.2 ppb

Water, Deionized, ASTM D1193 Type I Reagent ACS Grade

H ₂ O	F.W. 18.02	CAS# 7732-18-5
Item No.	Pkg Type	Case
9762-500ML	Amber Glass	
9762-1L	Amber Glass	
9762-4L	Clear Plastic	4
9762-4LG	Amber Glass	
9762-10L	Cubitainer®	
9762-20L	Cubitainer®	
9762-200L	Poly Drum	
DOT: Not Regulated		

Specifications

Conductivity @25°C	≤ 0.056 µmhos
Electrical Resistivity Megohm*cm	≥ 18
T.O.C.	≤ 50 ppb
Sodium	≤ 1.0 ppb
Chloride	≤ 1.0 ppb
Silica	≤ 3.0 ppb
Heavy Metals (as Pb)	≤ 10 ppb
Nitrate (NO ₃)	≤ 0.4 ppm
Phosphate (PO ₄)	≤ 1.0 ppm
Sulfate (SO ₄)	≤ 1.0 ppm
As, Cd, Pb, Ni	≤ 1.0 ppb
Cr, Cu	≤ 5.0 ppb
Ag, Hg	≤ 0.2 ppb
Suitable for BOD, COD and TOC Tests	

Water, Distilled ASTM Type II Reagent ACS Grade

H ₂ O	F.W. 18.02	CAS# 7732-18-5
Item No.	Pkg Type	Case
9766-500ML	Clear Plastic	
9766-1L	Clear Plastic	
9766-4L	Clear Plastic	4
9766-4LC	Cubitainer®	
9766-4LG	Amber Glass	
9766-10L	Cubitainer®	
9766-10LHP	Clear Plastic	
9766-20L	Cubitainer®	
9766-200L	Poly Drum	

DOT: Not Regulated

Specifications

Conductivity @25°C	≤ 1.0 µmhos
T.O.C.	≤ 50.0 ppb
Sodium	≤ 5.0 ppb
Chloride	≤ 5.0 ppb
Silica	≤ 3.0 ppb
Heavy Metals (as Pb)	≤ 10.0 ppb
Nitrate (NO ₃)	≤ 0.4 ppm
Phosphate (PO ₄)	≤ 1.0 ppm
Sulfate (SO ₄)	≤ 1.0 ppm
Suitable for BOD, COD AND TOC Tests	

Water, Deionized, ASTM Type II Reagent ACS Grade

H ₂ O	F.W. 18.02	CAS# 7732-18-5
Item No.	Pkg Type	Case
9765-500ML	Clear Plastic	6
9765-1L	Clear Plastic	6
9765-4L	Clear Plastic	4
9765-4LC	Cubitainer®	4
9765-10L	Cubitainer®	
9765-10LHP	Clear Plastic	
9765-20L	Cubitainer®	
9765-20LHP	Clear Plastic	
9765-15GAL	Poly Drum	
9765-30GAL	Poly Drum	
9765-200L	Poly Drum	
9765-275GAL	Poly Tote	

DOT: Not Regulated

Specifications

Conductivity @25°C	≤ 1.0 µmhos
T.O.C.	≤ 50.0 ppb
Sodium	≤ 5.0 ppb
Chloride	≤ 5.0 ppb
Silica	≤ 3.0 ppb
Heavy Metals (as Pb)	≤ 10.0 ppb
Nitrate (NO ₃)	≤ 0.4 ppm
Phosphate (PO ₄)	≤ 1.0 ppm
Sulfate (SO ₄)	≤ 1.0 ppm
Suitable for BOD, COD AND TOC Tests	

Water, Deionized, ASTM Type III (ASTM D1193)

H ₂ O	F.W. 18.02	CAS# 7732-18-5
Item No.	Pkg Type	Case
9764-1L	Clear Plastic	6
9764-4L	Clear Plastic	
9764-10L	Cubitainer®	
9764-20L	Cubitainer®	

DOT: Not Regulated

Water, ASTM D1193 Type III Grade B Reagent Grade

Item No.	Pkg Type	Case
9758-1L	Clear Plastic	
DOT: Not Regulated		

Deionized Water, ASTM Type IV (ASTM D1193)

H ₂ O	F.W. 18.02	CAS# 7732-18-5
Item No.	Pkg Type	Case
9768-10L	Cubitainer®	
DOT: Not Regulated		



Water Neutralized, pH 7.0

Item No.	Pkg Type	Case
SPX213 (4 L)	Clear Plastic	
SPX213A (20 L)	Cubitainer®	
DOT: Not Regulated		

Water Standard 10.0% w/w (1ml = 100 mg H₂O)

Item No.	Pkg Type	Case
SPX470 (8 X 10 ML)	Ampules	
  		
DOT: UN 3092 1-Methoxy-2-propanol solution, 3, III		

Water Standard 30.0% w/w (1ml = 300 mg H₂O)

Item No.	Pkg Type	Case
SPX471 (8 X 10 ML)	Ampules	
  		
DOT: UN 3092 1-Methoxy-2-propanol solution, 3, III		

Water Standard 50% w/w in Methanol, Certified

Item No.	Pkg Type	Case
SPX441 (8 X 10 ML)	Ampules	
  		
DOT: UN 1230 Methanol solution, 3(6.1), II		

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Water Standard 75% w/w 1 ml = 750 mg H₂O Certified

Item No.	Pkg Type	Case
SPX894 (8 X 10 ML)	Ampules	
  		
DOT: UN 3092 1-Methoxy-2-propanol solution, 3, III		

Water Hardness Buffer APHA For Water Hardness

Item No.	Pkg Type	Case
9770-250ML	Clear Plastic	
9770-500ML	Clear Plastic	6
9770-1L	Clear Plastic	6
9770-4L	Clear Plastic	4
9770-4LC	Cubitainer®	
9770-20L	Cubitainer®	



DOT: UN 2672 Ammonia solution, 8, III

Water Hardness Buffer (Odorless) APHA for Water Hardness

Item No.	Pkg Type	Case
9771-100ML	Amber Glass	
9771-500ML	Amber Glass	6
9771-1L	Amber Glass	6
9771-4L	Amber Glass	4
9771-20L	Cubitainer®	



DOT: UN 1760 Corrosive liquids, n.o.s. (Hydrochloric Acid), 8, II

Water Hardness Buffer (Magnesium Free)

Item No.	Pkg Type	Case
9778-500ML	Clear Plastic	
9778-1L	Clear Plastic	
9778-4L	Beta Bottle	



DOT: UN 2672 Ammonia solution mixture, 8, III

Water Hardness Indicator

Item No.	Pkg Type	Case
9780-100ML	Amber Glass	
9780-500ML	Amber Glass	
9780-1L	Amber Glass	
9780-4L	Amber Glass	



DOT: UN 1993 Flammable liquids, n.o.s. (Ethylene Glycol Monomethyl Ether), 3, III

 **WARNING: Reproductive Harm -**
www.P65Warnings.ca.gov.

Wax, Bees See Bees Wax, White

WIJS Solution See Iodine Monochloride Solution

Woodruff Buffer Solution

Item No.	Pkg Type	Case
SPE641 (4 L)	Amber Glass	



DOT: Not Regulated

Xylenes (Xylol) Reagent ACS Grade

C6H4(CH3)2 F.W. 106.17 CAS# 1330-20-7/1

Item No.	Pkg Type	Case
X7502-500ML	Amber Glass	6
X7502-1L	Amber Glass	6
X7502-4L	Amber Glass	4
X7502-4L(PVC)	Coated Glass	4
X7502-20L	Metal Can	
X7502-200L	Metal Drum	



DOT: UN 1307 Xylenes, 3, III

Specifications

Assay xylene isomers plus ethylbenzene ≥ 98.5%

Color (APHA) ≤ 10

Residue after evaporation ≤ 0.002%

Substances darkened by

sulfuric acid Passes test

Sulfur compounds(as S) ≤ 0.003%

Water ≤ 0.05%

Xylenes (Xylol) Technical Grade

$C_6H_4(CH_3)_2$ F.W. 106.17 CAS# 1330-20-7/1

Item No.	Pkg Type	Case
X7509-500ML	Amber Glass	12
X7509-1L	Amber Glass	6
X7509-4L	Metal Can	4
X7509-4LPVC	Coated Glass	
X7509-20L	Metal Can	



DOT: UN 1307 Xylenes, 3, III

m-Xylene High Purity (99+%)

$CH_3C_6H_4CH_3$ F.W. 106.17 CAS# 108-38-3

Item No.	Pkg Type	Case
X7512-500ML	Amber Glass	



DOT: UN 1307 Xylenes, 3, III

o-Xylene Certified

$C_6H_4(CH_3)_2$ F.W. 106.17 CAS# 95-47-6

Item No.	Pkg Type	Case
X7514-1L	Amber Glass	
X7514-4L	Amber Glass	



DOT: UN 1307 Xylenes, 3, III

o-Xylene HPLC Grade 98%

$C_6H_4(CH_3)_2$ F.W. 106.17 CAS# 95-47-6

Item No.	Pkg Type	Case
X7519-1L	Amber Glass	



DOT: UN 1307 Xylenes, 3, III

p-Xylene Certified

$C_6H_4(CH_3)_2$ F.W. 106.17 CAS# 106-42-3

Item No.	Pkg Type	Case
X7515-100ML	Amber Glass	
X7515-500ML	Amber Glass	
X7515-1L	Amber Glass	
X7515-4L	Amber Glass	



DOT: UN 1307 Xylenes, 3, III

Xylene/ 1-Butanol/ Propylene Glycol 75/15/10 v/v/v Solution

Item No.	Pkg Type	Case
SPX368E (1 L)	Clear Plastic	
SPX368A (4 L)	Amber Glass	
SPX368 (200 L)	Metal Drum	



DOT: UN 1993 Flammable liquids, n.o.s. (Xylene (Xylol), Butanols), 3, III

Xylene / IPA 75:25 Mixture

Item No.	Pkg Type	Case
SPX389A (1 GAL)	Metal Can	
SPX389 (4 L)	Amber Glass	
SPX389B (20 L)	Metal Can	



DOT: UN 1993 Flammable liquids, n.o.s. (Xylene (Xylol), Isopropanol), 3, III

Xylenol Orange, Water Soluble Reagent ACS Grade

$C_{31}H_{28}H_2Na_4O_{13}S$ F.W. 760.58 CAS# 3618-43-7

Item No.	Pkg Type	Case
X7925-5G	Amber Glass	
X7925-25G	Amber Glass	

DOT: Not Regulated

Specifications

Clarity of solution	Passes test
Suitability for zinc titration	Passes test

Xylenol Orange 0.1% w/v Solution

Item No.	Pkg Type	Case
9850-100ML	Clear Plastic	
9850-500ML	Clear Plastic	
9850-1L	Clear Plastic	

DOT: Not Regulated

Xylenol Orange 0.2% w/v Solution

Item No.	Pkg Type	Case
9851-100ML	Clear Plastic	
9851-500ML	Clear Plastic	

DOT: Not Regulated

Xylenol Orange 0.5% w/v Solution

Item No.	Pkg Type	Case
9854-100ML	Clear Plastic	
9854-500ML	Clear Plastic	

DOT: Not Regulated

Yttrium AA Standard 1,000 ppm in Dilute Nitric Acid, NIST Traceable

Item No.	Pkg Type	Case
9870-100ML	Clear Plastic	
9870-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Zero Oxygen Standard

Item No.	Pkg Type	Case
9890-100ML	Clear Plastic	
9890-500ML	Clear Plastic	

DOT: Not Regulated



Zinc Metal 20 Mesh Reagent ACS Grade

Zn	F.W. 65.37	CAS# 7440-66-1
Item No.	Pkg Type	Case
Z3010-500G	Amber Glass	12
Z3010-2.5KG	Clear Glass	

DOT: Not Regulated

Specifications

Assay	≥ 99.8% Zn
Suitability for determination of arsenic (As)	Passes test
Iron (Fe)	≤ 0.01%
Lead (Pb)	≤ 0.01%

Zinc Metal 30 Mesh Reagent ACS Grade

Zn	F.W. 65.37	CAS# 7440-66-1
Item No.	Pkg Type	Case
Z3011-500G	Clear Plastic	12

DOT: Not Regulated

Specifications

Assay	≥ 99.8% Zn
Suitability for determination of arsenic (As)	To pass test
Iron (Fe)	≤ 0.01%
Lead (Pb)	≤ 0.01%

Zinc Metal Laboratory Grade Mossy

Zn	F.W. 65.37	CAS# 7440-66-1
Item No.	Pkg Type	Case
Z3120-500G	Clear Plastic	12
Z3120-2.5KG	Clear Plastic	4

DOT: Not Regulated

Zinc Metal Reagent Grade Powder (Dust)

Zn	F.W. 65.37	CAS# 7440-66-3
Item No.	Pkg Type	Case
Z3203-500G	Amber Glass	
Z3203-2.5KG	Clear Plastic	
Z3203-50LB	Fiber Drum	

DOT: Not Regulated

Specifications

Assay	≥ 95.0%
Nitrogen (N)	≤ 0.001%

Zinc Metal Laboratory Grade Powder (Dust)

Zn	F.W. 65.409	CAS# 7440-66-2
Item No.	Pkg Type	Case
Z3204-500G	Clear Plastic	



DOT: UN 1436 Zinc dust, 4.3(4.2), II

Zinc Metal Sheet 0.010" x 12" x 36"

Zn	F.W. 65.37	CAS# 7440-66-1
Item No.	Pkg Type	Case
Z3382-500G	Paper Mailer	12

DOT: Not Regulated

Zinc Metal Sheet 12 x 12 x 1/32"

Zn	F.W. 65.37	CAS# 7440-66-1
Item No.	Pkg Type	Case
Z3388-EA	Paper Mailer	12

DOT: Not Regulated

Zinc AA Standard 1,000 ppm NIST Traceable in 2-5% HNO₃

Item No.	Pkg Type	Case
9950-100ML	Clear Plastic	
9950-500ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Zinc Acetate Dihydrate Reagent ACS Grade Crystal

(CH ₃ COO) ₂ Zn•2H ₂ O	F.W. 219.49	CAS# 5970-45-6
Item No.	Pkg Type	Case
Z3550-500G	Clear Plastic	
Z3550-2.5KG	Clear Plastic	



DOT: Not Regulated

Specifications

Assay (CH ₃ COO) ₂ Zn•2H ₂ O	98.0-101.0%
pH of a 5% solution at 25° C	6.0-7.0
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 5 ppm
Sulfate (SO ₄)	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.05%
Iron (Fe)	≤ 5 ppm
Lead (Pb)	≤ 0.002%

Zinc Acetate 10% w/v Aqueous Solution

Item No.	Pkg Type	Case
9903-1L	Clear Plastic	6
9903-4L	Clear Plastic	4



DOT: Not Regulated

Zinc Acetate 0.1 Molar NIST Traceable Solution

Molarity = 0.0995 - 0.1005 @20°C

Item No.	Pkg Type	Case
9901-1L	Clear Plastic	



DOT: Not Regulated

Zinc Acetate 2.0 Normal Solution APHA for Sulfide

APHA for Sulfide

Item No.	Pkg Type	Case
9910-100ML	Clear Plastic	12
9910-500ML	Clear Plastic	6
9910-1L	Clear Plastic	6
9910-4L	Clear Plastic	4



DOT: Not Regulated

Zinc Bromide, Anhydrous Reagent Grade

Br₂Zn F.W. 225.2 CAS# 7699-45-8

Item No.	Pkg Type	Case
Z3701-500G	Amber Glass	



DOT: UN 3260 Corrosive solid, acidic, inorganic, n.o.s. (Zinc Bromide Anhydrous), 8, II

Specifications

Assay (ZnBr ₂)	97.5 - 100.5%
Sulfate (SO ₄)	≤ 0.01%
Alkalis & earths	≤ 0.2%
Iron (Fe)	≤ 0.001%
Lead (Pb)	≤ 0.005%
Insoluble matter	≤ 0.005%

Zinc Bromide Solution Specific Gravity 2.4

Item No.	Pkg Type	Case
SPX727 (4 L)	Beta Bottle	



DOT: UN 1760 Corrosive liquids, n.o.s. (Zinc Bromide Anhydrous), 8, II

Zinc Chloride Reagent ACS Grade Granular

ZnCl₂ F.W. 136.29 CAS# 7646-85-7

Item No.	Pkg Type	Case
Z3701-125G	Clear Plastic	
Z3701-500G	Clear Plastic	
Z3701-2.5KG	Clear Plastic	
Z3701-12KG	White Pail	



DOT: UN 2331 Zinc chloride, anhydrous, 8, III

Specifications

Assay	≥ 97.0% ZnCl ₂
Oxychloride	Passes test
Insoluble matter	≤ 0.005%
Nitrate (NO ₃)	≤ 0.003%
Sulfate (SO ₄)	≤ 0.01%
Ammonium (NH ₄)	≤ 0.005%
Calcium (Ca)	≤ 0.06%
Iron (Fe)	≤ 0.001%
Lead (Pb)	≤ 0.005%
Magnesium (Mg)	≤ 0.01%
Potassium (K)	≤ 0.02%
Sodium (Na)	≤ 0.05%

Zinc Chloride Laboratory Grade Granular

ZnCl₂ F.W. 136.29 CAS# 7646-85-7

Item No.	Pkg Type	Case
Z3702-100G	Clear Plastic	12
Z3702-500G	Clear Plastic	12
Z3702-2.5KG	Clear Plastic	4
Z3702-12KG	White Pail	
Z3702-50LB	White Pail	
Z3702-50KG	Fiber Drum	



DOT: UN 2331 Zinc chloride, anhydrous, 8, III

Zinc Nitrate Reagent Grade

Zn(NO₃)₂•6H₂O F.W. 297.49 CAS# 10196-18-6

Item No.	Pkg Type	Case
Z3810-125G	Amber Glass	
Z3810-500G	Amber Glass	



DOT: UN 1514 Zinc nitrate, 5.1, II

Specifications

Assay (Zn(NO ₃) ₂ •6H ₂ O)	99.0 - 101.0%
Insoluble matter	≤ 0.005%
Iron (Fe)	≤ 5 ppm
Lead (Pb)	≤ 0.005%
Sulfate (SO ₄)	≤ 0.005%
Copper (Cu)	≤ 5 ppm
pH of a 5% solution @25°C	3.5 - 6.0

Zinc Sulfate Heptahydrate Reagent ACS Grade Crystal

ZnSO₄•7H₂O F.W. 287.54 CAS# 7446-20-0

Item No.	Pkg Type	Case
Z3864-125G	Clear Plastic	
Z3864-500G	Clear Plastic	
Z3864-2.5KG	Clear Plastic	
Z3864-12KG	White Pail	



DOT: Not Regulated

Specifications

Assay (ZnSO ₄ •7H ₂ O)	99.0 - 103.0%
pH of a 5% solution at 25°C	4.4 - 6.0
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 5 ppm
Nitrate (NO ₃)	≤ 0.002%
Ammonium (NH ₄)	≤ 0.001%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.001%
Lead (Pb)	≤ 0.003%
Magnesium (Mg)	≤ 0.005%
Manganese (Mn)	≤ 3 ppm
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.05%



Zinc Sulfate Hydrate Laboratory Grade

$\text{ZnSO}_4 \cdot x\text{H}_2\text{O}$ F.W. 161.43 CAS# 7446-19-7

Item No.	Pkg Type	Case
Z3872-500G	Clear Plastic	
Z3872-2.5KG	Clear Plastic	
Z3872-50LB	Fiber Drum	



DOT: Not Regulated

Zinc Sulfate 10% w/v Solution

Item No.	Pkg Type	Case
9960-500ML	Clear Plastic	6
9960-1L	Clear Plastic	6
9960-4L	Clear Plastic	4
9960-20L	Cubitainer®	



DOT: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Zinc Sulfate Heptahydrate), 9, III

Zinc Sulfate 0.0020 Normal NIST Traceable Solution

Normality = 0.00190 - 0.00210 @20°C

Item No.	Pkg Type	Case
SPE442 (10 L)	Cubitainer®	

DOT: Not Regulated

Zinc Sulfate 0.04 Normal (0.02 Molar) Solution

Normality = 0.0395 - 0.0405 @20°C

Item No.	Pkg Type	Case
9961-500ML	Clear Plastic	6
9961-1L	Clear Plastic	6
9961-4L	Clear Plastic	4
9961-20L	Cubitainer®	



DOT: Not Regulated

Zinc Sulfate 0.05 Molar NIST Traceable Solution

Molarity = 0.0495 - 0.0505 @20°C

Item No.	Pkg Type	Case
9962-1L	Clear Plastic	
9962-4L	Clear Plastic	
9962-4LC	Cubitainer®	
9962-10L	Cubitainer®	
9962-20LHP	Clear Plastic	



DOT: Not Regulated

Zinc Sulfate 0.1 Molar NIST Traceable Solution

Molarity = 0.0990 - 0.1010 @20°C

Item No.	Pkg Type	Case
9963-1L	Clear Plastic	6



DOT: Not Regulated

Zinc Sulfate 0.347 Molar Standardized Solution

Molarity = 0.3465 - 0.3475 @20°C

Item No.	Pkg Type	Case
SPE324 (1 L)	Clear Plastic	



DOT: Not Regulated

Zirconium AA Standard 1,000 ppm NIST Traceable

Item No.	Pkg Type	Case
9980-100ML	Clear Plastic	



DOT: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, III

Zobell's Solution See Redox Buffer

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D94-07 (2017) Standard Test Methods for Saponification Number of Petroleum Products

4194 - Hydrochloric Acid 0.5 Normal Aqueous
6652 - Phenolphthalein Solution, Neutralized in Ethyl Alcohol
6885 - Potassium Biphthalate 0.10 Normal (Molar)
6959 - Potassium Chloride 3.0 Molar Aqueous
7248 - Potassium Hydroxide 0.1 Molar in Ethyl Alcohol
7261 - Potassium Hydroxide 0.5 Molar in Ethyl Alcohol
9765 - Water Deionized Reagent ACS Grade Type II
C3602 - Chlorobenzene Reagent ACS
E2528 - Alcohol (95%) Ethano Denatured
M5005 - Methyl Ethyl Ketone Lab grade
S6010 - Stoddard Solvent
X7502 - Xylenes Reagent ACS

D128-98 (2019) Standard Test Methods for Analysis of Lubricating Grease

1615 - Butter Yellow Indicator
4190 - Hydrochloric Acid 0.5 Normal
4396 - Hydrochloric Acid 10% w/w Solution
4405 - Hydrochloric Acid (1 + 3)
6463 - Nitric Acid 1+4
6655 - Phenolphthalein Indicator Solution 1% in 50.0% IPA
7259 - Potassium Hydroxide 0.5 Normal in IPA
8620 - Sodium Hydroxide 0.05 Normal
8663 - Sodium Hydroxide 240 g/L
9114 - Sulfuric Acid 1+4
9116 - Sulfuric Acid 3+20
9765 - Water Deionized Reagent ACS Grade Type II
A1494 - Acetone Reagent ACS
A2700 - Reagent Alcohol ACS, Denatured Ethyl Alcohol
A4426 - Ammonium Carbonate Reagent ACS
B8275 - tert-Butyl Alcohol Reagent ACS
C1400 - Carbon Disulfide Reagent ACS
EM-EX0190-9 - Ethyl Ether, Anhydrous Grade ACS
H1951 - -Hexane (95% -Hexane) High Purity
H2505 - Hydrochloric Acid 37% Reagent ACS
P2970 - Potassium Bisulfate Reagent (Potassium Hydrogen Sulfate)
S2599 - Sodium Carbonate Reagent ACS Anhydrous
T7601 - Toluene Reagent ACS (TOLUOL)

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D516-16 Standard Test Method for Sulfate Ion in Water

0914 - Barium Chloride 11.8%

2210 - Conditioning Reagent APHA

8970 - Sulfate Standard 100 ppm 1 mL = 0.1 mg

9765 - Water Deionized Reagent ACS Grade Type II

D664-18e2 Standard Test Method for Acid Number of Petroleum Products by Potentiometric Titration

1460 - Buffer Reference pH 4.0 Red

1500 - Buffer Reference pH 7.0 Yellow

1528 - Buffer Reference pH 11.0 (+/- 0.01)

4137 - Hydrochloric Acid 0.1 Normal in IPA

5365 - Lithium Chloride 1.0 Molar in Ethanol

6520 - Neutralization Number Titration Solvent for TAN

7241 - Potassium Hydroxide 0.1 Normal (0.1 Molar) in IPA

9140 - Total Acid Number Standard (TAN) 2.5 mg/g KOH

9142 - Total Acid Number Standard (TAN) 5.0 mg/g KOH

9765 - Water Deionized Reagent ACS Grade Type II

A2700 - Reagent Alcohol ACS, Denatured Ethyl Alcohol

C3605 - Chloroform Reagent ACS (Ethanol Stabilized)

E2525 - Ethyl Alcohol, 200 Proof Non-Denatured

FIN028 - Lithium Chloride 2.0 Molar in Ethanol

FIN029 - Lithium Chloride 3.0 Molar in Ethanol

H2505 - Hydrochloric Acid 37% Reagent ACS

17600 - Isopropyl Alcohol Reagent ACS Grade

L5161 - Lithium Chloride Reagent ACS granular

MOB035 - Potassium Hydrogen Phthalate 0.01 Normal Solution

P4000 - Potassium Hydrogen Phthalate ACS

P4500 - Potassium Hydroxide Reagent ACS pellet

T7601 - Toluene Reagent ACS (TOLUOL)

T7601 - Toluene Reagent ACS (TOLUOL)

D665-23 Standard Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water

9120 - Synthetic Sea Water

9121 - Synthetic Sea Water Stock #1

9122 - Synthetic Sea Water Stock #2

9765 - Water Deionized Reagent ACS Grade Type II

T8262 - Trimethylpentane (Iso Octane) Reagent ACS Grade

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D848-18 Standard Test Method for Acid Wash Color of Industrial Aromatic Hydrocarbons

0150 - Set of Acid Wash Color Standards, No's 0 - 14

01500 - Acid Wash Color Standard #0

01501 - Acid Wash Color Standard #1

01502 - Acid Wash Color Standard #2

01503 - Acid Wash Color Standard #3

01504 - Acid Wash Color Standard #4

01505 - Acid Wash Color Standard #5

01506 - Acid Wash Color Standard #6

01507 - Acid Wash Color Standard #7

01508 - Acid Wash Color Standard #8

01509 - Acid Wash Color Standard #9

015010 - Acid Wash Color Standard #10

015011 - Acid Wash Color Standard #11

015012 - Acid Wash Color Standard #12

015013 - Acid Wash Color Standard #13

015014 - Acid Wash Color Standard #14

1500 - Buffer Reference pH 7.0 Yellow

1501 - Buffer Reference pH 7.0 Clear

1955 - Cobalt Chloride 59.5 mg/mL (0.25M)

3805 - Ferric Chloride 45.0 mg/mL (0.166M)

4092 - Hydrochloric Acid (1 + 39)

9117 - Sulfuric Acid 78.0 +- 0.5% w/w

9765 - Water Deionized Reagent ACS Grade Type II

C5835 - Cobalt Chloride Hexahydrate Reagent ACS Crystal

F2520 - Ferric Chloride Hexahydrate Reagent ACS Lumps

P3612 - Potassium Chromate Reagent ACS Crystal

P3785 - Potassium Dichromate Reagent ACS Crystal

D874-13a Standard Test Method for Sulfated Ash from Lubricating Oils and Additives

9000 - Sulfuric Acid 50% v/v Solution

9765 - Water Deionized Reagent ACS Grade Type II

17600 - Isopropyl Alcohol Reagent ACS

M7113 - Mineral Oil Light Lab Grade

S9191 - Sulfuric Acid Reagent ACS

T7601 - Toluene Reagent ACS

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D974-21

Standard Test Method for Acid and Base Number by Color-Indicator Titration

4137 - Hydrochloric Acid 0.1 Normal in IPA

5830 - Methyl Orange 0.1% Aqueous Solution

6100 - p-Naptholbenzein Indicator

6520 - Neutralization Number Titration Solvent for TAN

6632 - Phenolphthalein 0.1% in 50% Ethanol

7235 - Potassium Hydroxide 0.01 Normal (Molar) in IPA

7245 - Potassium Hydroxide 0.1 Normal (Molar) in IPA

7252 - Potassium Hydroxide 0.1 Normal (Molar) in IPA

9765 - Water Deionized Reagent ACS Grade Type II

17600 - Isopropyl Alcohol Reagent AS

D1093-11 (2017)

Standard Test Method for Acidity of Hydrocarbon Liquids and Their Distillation Residues

5830 - Methyl Orange 0.1% Aqueous

6652 - Phenolphthalein 1% Neutralized in Ethyl Alcohol

E2525 - Ethyl Alcohol non-Denatured 00PF Reagent ACS

D1094-07 (2019)

Standard Test Method for Water Reaction of Aviation Fuels

3945 - Glass Cleaning Solution

6750 - Phosphate Buffer pH 7.0

9765 - Water Deionized Reagent ACS Grade Type II

A1494 - Acetone Reagent ACS

H1950 - Hexanes Reagent ACS (>60% -Hexane)

D1125-23

Standard Test Methods for Electrical Conductivity and Resistivity of Water

0560 - Aqua Regia (3 + 1)

4420 - Hydrochloric Acid 50% v/v (6 Normal)

6970 - Potassium Chloride Reference Solution C

6975 - Potassium Chloride Reference Solution A

6976 - Potassium Chloride Reference Solution B

6977 - Potassium Chloride Reference Solution D

9765 - Water Deionized Reagent ACS Grade Type II

E2528 - Ethyl Alcohol non-Denatured 190PF 95% v/v Solution

EM-EX0190-9 - Ethyl Ether, Anhydrous Grade ACS

H2505 - Hydrochloric Acid 37% Reagent ACS

P3550 - Potassium Chloride Reagent ACS Crystal

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D1126-17

Standard Test Method for Hardness in Water

0438 - Ammonium Hydroxide 1:4 Solution
1443 - Buffer Solution
3551 - EDTA Solution 1 mL = 1 mg CaCO₃ pH 10.5
3960 - Hardness Indicator Powder
4400 - Hydrochloric Acid 20% v/v Solution
8601 - Sodium Hydroxide 5% w/v Solution
9774 - Water Hardness Buffer Solution
9776 - Hardness Buffer Solution
H3797 - Hydroxynanthol Blue (Calcium Indicator)

D1141-98 (2021)

Standard Practice for the Preparation of Substitute Ocean Water

8625 - Sodium Hydroxide 0.1 Normal
9125 - Synthetic Sea Water
9126 - Synthetic Sea Water Heavy Metals
9127 - Substitute Ocean Water Stock #1
9128 - Substitute Ocean Water Stock #2
9129 - Substitute Ocean Water Stock #3
9130 - Silver Nitrate Solution for Substitute Ocean Water
S9795 - Synthetic Sea Salt (Formula A)

D1159-07 (2017)

Standard Test Method for Bromine Index of Aromatic Hydrocarbons by Electrometric Titration

1361 - Bromide-Bromate 0.02 Normal
1363 - Bromide-Bromate 0.5 Normal
1365 - Bromine Index No. Titration Solvent
1368 - Bromine Number Titration Solvent
7402 - Potassium Iodide 15% w/v Solution
8810 - Sodium Thiosulfate 0.1 Normal
8860 - Starch Indicator 0.5% w/v Solution
9102 - Sulfuric Acid (1 + 5) Solution
9765 - Water Deionized Reagent ACS Grade Type II
A1100 - Acetic Acid Glacial Reagent ACS D4653 - Dichloromethane Reagent ACS
M2515 - Methanol Reagent ACS (Low Acetone)

D1179-16

Standard Test Methods for Fluoride Ion in Water

1423 - Buffer Solution B for Aluminum
3860 - Fluoride Standard 10 ppm (1mL = 0.01 mg)
9453 - TISAB Buffer Solution (pH 5.0 - 5.5)
S9191 - Sulfuric Acid Reagent ACS
SPE870 - TISAB Buffer A for Aluminum

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D1193-06 (2018) Standard Specification for Reagent Water

W1089 - Water Deionized HPLC Grade Ultra Pure, ASTM Type I
9762 - Water Deionized Meets ASTM Type I Specifications
9764 - Water Deionized Reagent Grade ASTM Type III
9765 - Water Deionized Reagent ACS Grade Type II (TOC Standard 20.0 pm)
9766 - Water Distilled ASTM Type II Reagent ACS (TOC Standard 200 ppm)

D1209-05 (2019) Standard Test Method for Color of Clear Liquids (Platinum-Cobalt Scale)

2170 - Color Standard 1 Hazen Unit (APHA)
2179 - Color Standard 2 Hazen Units (APHA)
2171 - Color Standard 3 Hazen Units (APHA)
2172 - Color Standard 4 Hazen Units (APHA)
2182 - Color Standard 5 Hazen Units (APHA)
2173 - Color Standard 6 Hazen Units (APHA)
2174 - Color Standard 7 Hazen Units (APHA)
2175 - Color Standard 8 Hazen Units (APHA)
2176 - Color Standard 9 Hazen Units (APHA)
2183 - Color Standard 10 Hazen Units (APHA)
2184 - Color Standard 15 Hazen Units (APHA)
2185 - Color Standard 20 Hazen Units (APHA)
2201 - Color Standard 25 Hazen Units (APHA)
2186 - Color Standard 30 Hazen Units (APHA)
2187 - Color Standard 40 Hazen Units (APHA)
2188 - Color Standard 50 Hazen Units (APHA)
2202 - Color Standard 60 Hazen Units (APHA)
2203 - Color Standard 70 Hazen Units (APHA)
2204 - Color Standard 80 Hazen Units (APHA)
2189 - Color Standard 90 Hazen Units (APHA)
2190 - Color Standard 100 Hazen Units (APHA)
2198 - Color Standard 150 Hazen Units (APHA)
2191 - Color Standard 200 Hazen Units (APHA)
2199 - Color Standard 250 Hazen Units (APHA)
2192 - Color Standard 300 Hazen Units (APHA)
2209 - Color Standard 350 Hazen Units (APHA)
2193 - Color Standard 400 Hazen Units (APHA)
2212 - Color Standard 450 Hazen Units (APHA)
2180 - Color Standard 500 Hazen Units (APHA)
9765 - Water Deionized Reagent ACS Grade Type II
C5835 - Cobalt Chloride Hexahydrate Reagent ACS Crystal
H2505 - Hydrochloric Acid 37% Reagent ACS
P5725 - Potassium Chloroplatinate (Platinum Chloride)

ASTM Methods



ASTM Method	Test Method / Product Code - Item Description
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D1253-14	Standard Test Method for Residual Chlorine in Water
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0020 - Acetate Buffer pH 4.0
6740 - Phenylarsine Oxide Titrant Solution 0.00564 Normal
6754 - Phosphate Buffer pH 7.0 for Residual Chlorine
6892 - Potassium Bi-Iodate 0.0282N
7380 - Potassium Iodide 5% w/v Solution
9765 - Water Deionized Reagent ACS Grade Type II

D1266-18	Standard Test Method for Sulfur in Petroleum Products (Lamp Method)
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0173 - Alcohol-Glycerin Mixture
0910 - Barium Chloride 10% w/v Solution
4397 - Hydrochloric Acid 1 + 10
4407 - Hydrochloric Acid (1 + 12)
4410 - Hydrochloric Acid (1 + 215)
5837 - Methyl Purple Indicator
8596 - Sodium Hydroxide 10% w/v Solution
8616 - Sodium Hydroxide 0.0624 Molar
8617 - Sodium Hydroxide 0.05 Molar
8990 - Sulfuric Acid (1mL = 0.100mg)
9118 - Sulfuric Acid 1 + 16
9765 - Water Deionized Reagent ACS Grade Type II
9766 - Water Distilled ASTM Type II Reagent ACS
B0360 Barium Chloride Reagent ACS Crystal
E2438 - Ethyl Alcohol Absolute Denatured
E2525 - Ethyl Alcohol non-Denatured 200PF Reagent ACS
H2505 - Hydrochloric Acid 37% Reagent ACS
H3000 - Hydrogen Peroxide ACS 31% Stabilized
H3083 - Hydrogen Peroxide 1 + 19

D1510-24	Standard Test Method for Carbon Black-Iodine Adsorption Number
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4704 - Iodine 0.0473 Normal
7334 - Potassium Iodide-Iodate 0.0394 Normal
8804 - Sodium Thiosulfate 0.0394 Normal
8885 - Starch Indicator 1% w/ Solution
9002 - Sulfuric Acid 10 v/v Solution
9765 - Water Deionized Reagent ACS Grade Type II

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D1544-58	Standard Test Method for Color of Transparent Liquids (Gardner Color Scale)
	3909 - Gardner Color Standards, Set #1 - #18
	3911 - Gardner Color Standard #1
	3912 - Gardner Color Standard #2
	3913 - Gardner Color Standard #3
	3914 - Gardner Color Standard #4
	3915 - Gardner Color Standard #5
	3916 - Gardner Color Standard #6
	3917 - Gardner Color Standard #7
	3918 - Gardner Color Standard #8
	3919 - Gardner Color Standard #9
	3920 - Gardner Color Standard #10
	3921 - Gardner Color Standard #11
	3922 - Gardner Color Standard #12
	3923 - Gardner Color Standard #13
	3924 - Gardner Color Standard #14
	3925 - Gardner Color Standard #15
	3926 - Gardner Color Standard #16
	3927 - Gardner Color Standard #17
	3928 - Gardner Color Standard #18
D1796-22	Standard Test Method for Water and Sediment in Fuel Oils by the Centrifuge Method (Lab Procedure)
	T7601 - Toluene Reagent ACS Grade
D2384-23	Standard Test Methods for Traces of Volatile Chloride in Butane-Butene Mixtures
	0160 - Agar Solution
	1417 - Bromothymol Blue 0.1% w/v Indicator Solution
	3936 - Gelatin Solution
	5678 - Mercuric Thiocyanate Solution
	5683 - Saturated Calomel Electrode
	5685 - Mercury-Calomel Mixture
	6454 - Nitric Acid 1 + 28
	7414 - Potassium Nitrate Saturated Solution
	7415 - Potassium Nitrate 10% w/v Solution
	8381 - Silver Nitrate 0.001 Normal
	8387 - Silver Nitrate 0.01 Normal
	8430 - Silver Nitrate 0.1 Normal
	8568 - Sodium Carbonate 2 g/L Solution
	A1494 - Acetone Reagent ACS
	H3087 - Hydrogen Peroxide 1 + 4
	N3805 - Nitric Acid 68-70% Reagent ACS
	P1505 - Perchloric Acid 69-72% Reagent ACS

ASTM Methods



ASTM Method	Test Method / Product Code - Item Description
D2619-21	Standard Test Method for Hydrolytic Stability of Hydraulic Fluid's (Beverage Bottle Method) 7160 - Potassium Hydroxide 0.1 Normal H1903 - n-Heptane Reagent Grade (n-Heptane > 99%) P1997 - Phenolphthalein 1.0% Solution S3640 - Sodium Sulfate Anhydrous 10-60 Mesh Reagent ACS granular
D2699-23b	Standard Test Method for Research Octane Number of Spark-Ignition Engine Fuel
D2700-23b	Standard Test Method for Motor Octane Number of Spark-Ignition Engine Fuel H1907 - Heptane, Primary Reference Fuel 04900 - Octane 80 Reference Fuel 04902 - Octane Blend No. 82 PRF 04909 - Octane Blend No. 89 PRF 04913 - Octane Blend No. 93 PRF T7603 - Toluene, Primary Reference Fuel T7619 - Toluene Standard Fuel 89.3 T7625 - Toluene Standard Fuel 99.8 T8259 - Iso-Octane (Trimethylpentane)
D2710-20 (2020)	Standard Test Method for Bromine Index of Petroleum Hydrocarbons by Electrometric Titration 1358 - Bromide-Bromate 0.05 Normal 1368 - Bromine Number Titration Solvent 7402 - Potassium Iodide 15% w/v Solution 8805 - Sodium Thiosulfate 0.05 Normal 8860 - Starch Indicator 0.5% w/v Solution 9102 - Sulfuric Acid (1 + 5) Solution 9765 - Water Deionized Reagent ACS Grade Type II A1100 - Acetic Acid, Glacial Reagent ACS D4653 - Dichloromethane Reagent ACS M2515 - Methanol Reagent ACS

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D2896-21	Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration
	6600 - Perchloric Acid Titrant 0.1 Normal
	8705 - Sodium Acetate 0.1 Normal in Acetic Acid
	8706 - Sodium Perchlorate Electrolyte
	9554 - Titration Solvent 2:1 Chlorobenzene:Acetic
	A1100 - Acetic Acid, Glacial Reagent ACS
	A1325 - Acetic Anhydride Reagent ACS
	C3602 - Chlorobenzene Reagent ACS
	P4000 - Potassium Hydrogen Phthalate ACS
	S2599 - Sodium Carbonate Reagent ACS Anhydrous
D3227-23	Standard Test Method for Thiol (Mercaptan) Sulfur in Gasoline, Kerosene, Aviation, Turbine, and Distillate Fuels (Potentiometric Methods)
	0125 - Acidic Acid Titration Solvent
	0295 - Alkaline Titration Solvent
	1652 - Calcium Sulfate 150 g/L
	5158 - Lead Acetate 5% w/v Solution
	7355 - Potassium Iodide 0.1 Molar
	8360 - Silver Nitrate 0.1 Normal in IPA
	8375 - Silver Nitrate 0.01 Normal in IPA
	8535 - Sodium Bicarbonate Solution
	9762 - Water Deionized Type I
	17600 - Isopropyl Alcohol Reagent ACS
	S3660 - Sodium Sulfide Nonahydrate Reagent ACS Crystal
	S9191 - Sulfuric Acid (95.0-98.0%) Reagent ACS
D3228-22	Standard Test Method for Total Nitrogen in Lubrication Oils and Fuel Oils by Modified Kjeldahl Method
	1265 - Boric Acid 4% w/v Solution
	5837 - Methyl Purple Indicator
	7710 - Catalyst Reagent
	8613 - Sodium Hydroxide 1000 g/L Solution
	8763 - Sodium-Sulfide Solution
	9023 - Sulfuric Acid 0.05 Molar
	9027 - Sulfuric Acid 0.005 Molar
	9765 - Water Deionized Reagent ACS Grade Type II
	S9191 - Sulfuric Acid (95.0-98.0%) Reagent ACS

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D3230-19

Standard Test Method for Salts in Crude Oil (Electrometric Method)

1655 - Calcium Chloride 10 g/L in Mixed Alcohol
5385 - Magnesium Chloride 10 g/L in Mixed Alcohol
5912 - Mixed Alcohol Solvent
5913 - Mixed Salt Solution (concentrated)
5916 - Mixed Salt Solution (diluted)
8575 - Sodium Chloride 10 g/L in Mixed Alcohol Solvent
9765 - Water Deionized Reagent ACS Grade Type II
H1950 - Hexanes Reagent ACS (>60% -Hexane)
M7113 - Mineral Oil Light Lab Grade
X7502 - Xylenes Reagent ACS

D3241-23ae 1

Standard Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels

9551 - Trisolvant (Acetone/Toluene/IPA 1:1:1)
H1903 - -Heptane Reagent Grade (n-Heptane > 99%)
H1953 - Hexanes >95% (as n-Hexane) HPLC
T8262 - Trimethylpentane (Iso-Octane) Reagent ACS

D3242-23

Standard Test Method for Acidity in Aviation Turbine Fuel

1420 - Buffer Stock Solution A, Non-aqueous Acidic
1421 - Buffer Stock Solution B, Non-aqueous Basic
4132 - Hydrochloric Acid 0.2 Normal in IPA
6100 - Naphtholbenzein Indicator Solution
6520 - Neutralization Number Titration Solvent for TAN
6632 - Phenolphthalein 0.1% in 50% ETOH
6940 - Potassium Chloride Saturated Solution
7235 - Potassium Hydroxide 0.01 Normal in IPA
7242 - Potassium Hydroxide 0.2 Normal in IPA
7252 - Potassium Hydroxide 0.1 Normal in IPA
9765 - Water Deionized Reagent ACS Grade Type II
C6450 - 2,4,6-Collidine, 99%
N4105 - 3-Nitrophenol, 99% (m-Nitrophenol)

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D3712-18	Standard Test Method for Analysis of Oil-Soluble Petroleum Sulfonates by Liquid Chromatography
	4405 - Hydrochloric Acid 1 + 3
	4420 - Hydrochloric Acid 50% v/V (6 Normal)
	5830 - Methyl Orange Indicator 0.1% Aqueous
	6632 - Phenolphthalein 0.1% in 50% Ethyl Alcohol
	8625 - Sodium Hydroxide 0.1 Normal
	8759 - Sodium Sulfate 240 g/L
	9028 - Sulfuric Acid 0.1 Molar Aqueous Solution
	C3605 - Chloroform Reagent ACS (Ethanol Stabilized)
	E2525 - Ethyl Alcohol Non-Denatured 200PF Reagent ACS
	E8293 - Ethyl Ether, Anhydrous Reagent ACS (BHT Stabilized)
	H2505 - Hydrochloric Acid 37% Reagent ACS
	I7600 - Isopropyl Alcohol Reagent ACS
	I7617 - Isopropyl Alcohol 1 + 1
	S1427 - Silica Gel Grade 62 60-200 Mesh
	S3640 - Sodium Sulfate Anhydrous 10-60 Mesh Reagent ACS granular
	S9191 - Sulfuric Acid (95.0-98.0%) Reagent ACS
D4045-19	Standard Test Method for Sulfur in Petroleum Products by Hydrogenolysis and Rateometric Colorimetry
	0050 - Acetic acid 5% V/V Solution
	9765 - Water Deionized Reagent ACS Grade Type II
	B8450 - n-Butyl Sulfide, 99+%
	T8262 - Trimethylpentane (Iso-Octane) Reagent ACS Grade
D4047-18	Standard Test Method for Phosphorus in Lubricating Oils and Additives by Quinoline Phosphomolybdate Method
	4130 - Hydrochloric Acid 0.1 Normal
	4131 - Hydrochloric Acid 0.1 Normal in IPA
	5914 - Mixed Indicator Solution
	7785 - Quinoline Hydrochloride Solution
	8625 - Sodium Hydroxide 0.1 Normal
	8704 - Sodium Molybdate Solution
	9345 - Thymol Blue Solution
	9765 - Water Deionized Reagent ACS Grade Type II
	H2505 - Hydrochloric Acid 37% Reagent ACS
	P1997 - Phenolphthalein 1.0% Solution in 95.0% Alcohol
	P3080 - Potassium Bromate Reagent ACS
	Q6501 - Quinoline, 95%

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

D4739-23

Standard Test Method for Base Number by Potentiometric Hydrochloric Acid Titration

9552 - Base Number Titration Solvent (Trisolvant)
 1420 - Buffer Stock Solution A, non-aqueous acidic
 1421 - Buffer Stock Solution B, non-aqueous basic
 4132 - Hydrochloric Acid 0.2 Normal in IPA
 4137 - Hydrochloric Acid 0.1 Normal in IPA
 5364 - Lithium Chloride Saturated in IPA
 7241 - Potassium Hydroxide 0.1 Normal in IPA
 7242 - Potassium Hydroxide 0.2 Normal in IPA
 9765 - Water Deionized Reagent ACS Grade Type II
 C3605 - Chloroform Reagent ACS (Ethanol Stabilized)
 E2525 - Ethyl Alcohol Non-Denatured 200PF Reagent ACS
 I7600 - Isopropyl Alcohol Reagent ACS
 P4500 - Potassium Hydroxide Reagent ACS pellet
 T7601 - Toluene Reagent ACS

D4952-12 (2017)

Standard Test Method for Qualitative Analysis for Active Sulfur Species in Fuels and Solvents (Doctor Test)

3200 - Doctors Solution (Sodium Plumbite)
 0049 - Acetic Acid 10% v/v Solution
 7400 - Potassium Iodide 10% w/v Solution
 8860 - Starch Indicator 0.5% w/v Solution
 9765 - Water Deionized Reagent ACS Grade Type II
 S8800 - Sulfur flowers sublimed powder

D5776-21

Standard Test Method for Bromine Index of Aromatic Hydrocarbons by Electrometric Titration

1360 - Bromide-Bromate Standard 0.1 Normal
 1365 - Bromine Index No. Titration Solvent (Contains 1-Methyl-2-Pyrrolidinone)
 7402 - Potassium Iodide 15% w/v (150 g/L) Solution
 8810 - Sodium Thiosulfate 0.1 Normal Solution
 8853 - Starch Solution (0.25% w/v, Preserved with Salicylic Acid)
 9102 - Sulfuric Acid 1 + 5
 9765 - Water Deionized Reagent ACS Grade Type II
 A1100 - Acetic Acid, Glacial Reagent ACS
 M5799 - 1-Methyl-2-Pyrrolidone, Reagent ACS Grade

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

E200-23

Standard Practice for Preparation, Standardization, and Storage of Standard and Reagent Solutions for Chemical Analysis

0050 - Acetic acid 5% v/v Solution
0390 - Ammonium Acetate 10% W/v
0410 - Ammonium Acetate-Acetic Acid Solution
0440 - Ammonium Hydroxide 1+1 (50%) v/v Solution
0475 - Ammonium Molvbdate-Sulfuric Acid Solution
0531 - Ammonium Thiocyanate 0.1 Normal
0532 - Ammonium Thiocyanate 300 g/L
0751 - Arsenic Standard 1.0 ppm w/w Solution
0782 - Arsenic Trioxide Standard 0.008 Normal
0915 - Barium Chloride 12% w/v (120 g/L)
1760 - Ceric Sulfate Titrant 0.1 Normal
1769 - Chloride Standard 5.0 pm as Cl
2560 - Cyanide Standard 1000 ppm 1 ml = 1mg CN
3640 - EDTA Titrant 0.05 Molar (0.1N)
3761 - Ferric Ammonium Sulfate 8% Indicator Solution
3820 - Ferroin Indicator 0.025 Molar
4430 - Hydroxylamine Hydrochloride 10%
4460 - Hydroxylamine Hydrochloride 30% W/v
4750 - Iodine 0.1 Normal
4851 - Iron Standard 10.0 mg/L (1 ml + 0.01 mg Fe)
5246 - Lead Standard 1ml + 0.01 mg (10ppm)
5595 - Mercuric Acetate Solution 25 g/L
5596 - Mercuric Chloride 50 g/L
5830 - Methyl Orange Indicator 0.1%
5835 - Methyl Orange Solution Modified
5851 - Methyl Red 0.1% W/v in Reagent Alcohol
5852 - Methyl Red Indicator 0.5% w/ in 95% Ethyl Alcohol
6560 - Osmium Tetroxide 0.01 Molar
6600 - Perchloric Acid Titrant 0.1 Normal Acetous
6621 - 1,10-Phenanthroline Indicator 3 g/L
6665 - Phenolphthalein 1% w/v Solution in Pyridine
7080 - Potassium Dichromate 0.1 Normal
7100 - Potassium Dichromate 0.25 Normal
7400 - Potassium Iodide 10% w/v Solution
7407 - Potassium Iodide 300 gpL
7440 - Potassium Permanganate 0.1 Normal
8430 - Silver Nitrate 0.1 Norma Solution

ASTM Methods



ASTM Method Test Method / Product Code - Item Description

E200-23

Standard Practice for Preparation, Standardization, and Storage of Standard and Reagent Solutions for Chemical Analysis *(continued)*

8597 - Sodium Diethyldithiocarbamate 1 g/L Aqueous Solution

8610 - Sodium Hydroxide 0.02 Normal

8623 - Sodium Hydroxide 4.0 gpL

8624 - Sodium Hydroxide 40.0 gpL

8625 - Sodium Hydroxide 0.1 Normal

8645 - Sodium Hydroxide 0.5 Normal

8650 - Sodium Hydroxide 1.0 Normal

8810 - Sodium Thiosulfate 0.1 Normal

8852 - Stannous Chloride 20 g/L

8880 - Starch Indicator 1% w/v Solution

9765 - Water Deionized Reagent ACS Grade Type II

H2505 - Hydrochloric Acid 37% Reagent ACS

P1997 - Phenolphthalein 1% in 95% Alcohol

S9191 - Sulfuric Acid (95.0-98.0%) Reagent ACS

E394-15

Standard Test Method for Iron in Trace Quantities Using 1,10-Phenanthroline Method

0395 - Ammonium Acetate-Acetic Acid Solution

4430 - Hydroxylamine Hydrochloride 10% (w/v)

4851 - Iron Standard 10.0 mg/L (1 ml = 0.01 mg Fe)

6622 - 1,10-Phenanthroline Solution (3 g/L)

9765 - Water Deionized Reagent ACS Grade Type II

E411-24

Standard Test Method for Traces Quantities of Carbonyl Compounds with 2,4-Dinitrophenylhydrazine

1605 - 2,4-DNPH Solution

5600 - Methanol Carbonyl Free

7141 - Potassium Hydroxide 10% in Carbonyl Free Methanol

9765 - Water Deionized Reagent ACS Grade Type II

D5004 - 2,4-Dinitrophenylhydrazine, 97%

H2505 - Hydrochloric Acid 37% Reagent ACS

P4500 - Potassium Hydroxide Reagent ACS pellet

APHA Methods



APHA Method Test Method / Product Code - Item Description

2120 B Color Visual Comparison Method

2120 C Color Spectrophotometric - Single-wavelength Method

2181 - Color Standard 0 Units
2170 - Color Standard 1 Unit
2179 - Color Standard 2 Units
2171 - Color Standard 3 Units
2172 - Color Standard 4 Units
2182 - Color Standard 5 Units
2173 - Color Standard 6 Units
2174 - Color Standard 7 Units
2175 - Color Standard 8 Units
2176 - Color Standard 9 Units
2183 - Color Standard 10 Units
2184 - Color Standard 15 Units
2185 - Color Standard 20 Units
2201 - Color Standard 25 Units
2186 - Color Standard 30 Units
2187 - Color Standard 40 Units
2188 - Color Standard 50 Units
2202 - Color Standard 60 Units
2203 - Color Standard 70 Units
2189 - Color Standard 80 Units
2204 - Color Standard 90 Units
2190 - Color Standard 100 Units
2205 - Color Standard 120 Units
2206 - Color Standard 140 Units
2207 - Color Standard 160 Units
2208 - Color Standard 180 Units
2191 - Color Standard 200 Units
2199 - Color Standard 250 Units
2192 - Color Standard 300 Units
2193 - Color Standard 400 Units
2180 - Color Standard 500 Units
2194 - Color Standard 600 Units
2195 - Color Standard 700 Units
2196 - Color Standard 800 Units
2197 - Color Standard 900 Units

APHA Methods



APHA Method Test Method / Product Code - Item Description

2130 B	Turbidity Nephelometric Method
	3865 - Formazin Solution 0.1 NTU (APHA)
	3867 - Turbidity STD (Formazin) 1.0 NTU (APHA)
	3871 - Formazin Solution 10 NTU (APHA)
	3874 - Formazin Solution 100 NTU (APHA)
	3879 - Formazin Solution 1000 NTU (APHA)
	3868 - Turbidity Standard 2 NTU (APHA)
	3872 - Formazin Solution 20 NTU (APHA)
	3876 - Formazin Solution 200 NTU (APHA)
	3878 - Turbidity STD. (Formazin) 400 NTU (APHA)
	3875 - Formazin 4,000 NTU Turbidity Standard
	3870 - Turbidity Standard 5.0 NTU (APHA)
	3873 - Formazin Solution 50 NTU (APHA)
	3877 - Formazin Solution 500 NTU (APHA)
2320 B	Alkalinity Titration Method
	1385 - Bromocresol Green-Methyl Red in IPA APHA
	1380 - Bromocresol Green-Methyl Red Indicator APHA
2340 C	Hardness EDTA Titrimetric Method
	3960 - Hardness Indicator Powder
	3553 - EDTA Titrant 0.001 Molar
	9771 - Water Hardness Buffer (odorless)
	9770 - Water Hardness Buffer APHA
	1754 - Calmagite Indicator 0.1% for Hardness
2350B	Oxidant Demand / Requirement Chlorine Demand
2350E	Oxidant Demand / Requirement Ozone Demand Semi-batch
	8860 - Starch Indicator 0.5% w/ Solution
2580 B	Oxidation-Reduction Potential Measurment in Clean Water
	1872 - Cleaning Solution APHA
2720 B	Anaerobic Sludge Digester Gas Analysis Volumetric Method
	0292 - Alkaline Pyrogallol Reagent APHA for Sludge Digester Gas
3030 H	Preliminary Treatment of Samples Nitric Acid-Perchloric Acid Digestion
	0407 - Ammonium Acetate Solution APHA for Nitric Acid

APHA Methods



APHA Method	Test Method / Product Code - Item Description
3111 C	Metals by Flame Atomic Absorption Spectrometry Extraction and Air-Acetylene Flame Method 7420 - Potassium Permanganate 5% w/ Solution
3111 D	Direct Nitrous Oxide-Acetylene Flame Method 8987 - Sulfuric Acid 1% v/v Solution APHA for metals
3111 E	Extraction and Nitrous Oxide-Acetylene Method 0403 - Ammonium Acetate Buffer Solution APHA for metals
3112B	Metals by Cold-Vapor Atomic Absorption Spectrometry 7420 - Potassium Permanganate 5% w/v Solution 8567 - Sodium Chloride-Hydroxylamine Sulfate 12% APHA
3500-As B	Arsenic Silver Diethyldithiocarbamate Method 0023 - Acetate Buffer pH 5.5 (APHA/Arsenic) 5160 - Lead Acetate 10% w/v Solution / APHA Arsenic
3500-Cu C	Copper Bathocuproine Method 0970 - Bathocuproine 0.1% w/v APHA copper
3500-Fe B	Iron Phenanthroline Method 0420 - Acetate Buffer pH 4.2-4.6 APHA for Iron
3500-Mn B	Manganese Persulfate Method 8703 - Sodium Nitrite 5% W/W APHA for Manganese
3500-Se B	Selenium Sample Preparation 4431 - Hydroxylamine Hydrochloride 10% APHA
4500-B C	Boron Carmine Method 1755 - Carmine Reagent / APHA for Boron
4500-Br- B	Bromide Phenol Red Colorimetric Method 0027 - Acetate Buffer pH 4.6 APHA Bromide
4500-Cl- B	Chloride Argentometric Method 7020 - Potassium Chromate 5% w/v Solution
4500-Cl- C	Chloride Mercuric Nitrate Method 2900 - Diphenylcarbazone-xylene Cyanol
4500-Cl- E	Chloride Automated Ferricyanide Method 5680 - Mercuric Thiocyanate 0.42% w/v meh 3815 - Ferric Nitrate 202 g/L APHA Chloride

APHA Methods



APHA Method	Test Method / Product Code - Item Description
4500-Cl- G	Chloride Mercuric Thiovanate Flow Injection Analysis 5680 - Mercuric Thiocyanate 0.42% w/v meh 3815 - Ferric Nitrate 202 g/L APHA Chloride 2169 - Combined Color Reagent for Chloride Analysis
4500-Cl A	Chlorine (Residual) 9590 - o-Tolidine Reagent
4500-Cl B	Chlorine Iodometric Method I 8860 - Starch Indicator 0.5% w/v Solution
4500-Cl C	Chlorine Iodometric Method II 6740 - Phenylarsine Oxide Titrant 0.00564N 8860 - Starch Indicator 0.5% w/ Solution 0020 - Acetate Buffer pH 4.0 APHA/ASTM Chlorine 0780 - Arsenite Standard 0.100 Normal
4500-Cl D	Chlorine Amperometric Titration Method 6740 - Phenylarsine Oxide Titrant 0.00564N 0020 - Acetate Buffer pH 4.0 APHA/ASTM Chlorine
4500-Cl E	Chlorine Low-Level Amperometric Titration Method 0020 - Acetate Buffer pH 4.0 APHA/ASTM Chlorine
4500-Cl F	Chlorine DPD Ferrous Titrimetric Method 6780 - Phosphate Buffer Solution APHA for Residual Chlorine DPD 7065 - Potassium Dichromate 0.691 GPL (0.01409 Normal) 0935 - Barium Diphenylamine sulfonate 0.1% Solution
4500-Cl G	Chlorine DPD Colorimetric Method 6780 - Phosphate Buffer Solution APHA for Residual Chlorine DPD
4500-Cl I	Iodometric Electrode Technique 0020 - Acetate Buffer pH 4.0 APHA/ASTM Chlorine
4500-ClO2 B	Chlorine Dioxide Iodometric Method 8860 - Starch Indicator 0.5% w/ Solution

APHA Methods



APHA Method	Test Method / Product Code - Item Description
4500-ClO ₂ -C 4500-ClO ₂ -E	Chlorine Dioxide Amperometric Method I & II
	6740 - Phenylarsine Oxide Titrant 0.00465N
	0020 - Acetate Buffer pH 4.0 APHA/ASTM Chlorine
4500-CN- B	Cyanide Preliminary Treatment of Samples
	3785 - Ferric Chloride Oxidizing Solution APHA for Cyanide
	5591 - MBTH Indicator APHA for Cyanide
4500-CN- E 4500-CN- G 4500-CN- I	Cyanide Colorimetric Method, Cyanides Amenable to Chlorination after Distillation, & Weak Acid Dissociable Cyanide
	0022 - Acetate Buffer pH 4.5 APHA Cyanide
	7780 - Pyridine / Barbituric Acid / APHA for Cyanide
4500-CN- H 4500-CN- J	Cyanide Cyanides Amenable to Chlorination without Distillation & Cyanogen Chloride
	0022 - Acetate Buffer pH 4.5 APHA Cyanide
	7780 - Pyridine / Barbituric Acid / APHA for Cyanide
	3785 - Ferric Chloride Oxidizing Solution APHA for Cyanide
4500-CN- K	Cyanide Spot Test for ample Screening
	7780 - Pyridine / Barbituric Acid / APHA for Cyanide
4500-CN- M	Cyanide Thiocyanate
	3817 - Ferric Nitrate 404 g/L APHA Cyanide
4500-F- C	Fluoride Ion-Selective Electrode Method
	9451 - TISAB Solution APHA-EPA for Fluoride
4500-F- D	Fluoride Spadns Method
	8827 - SPADNS Solution APHA for Fluoride
4500-I C	Amperometric Titration Method
	6740 - Phenylarsine Oxide Titrant 0.00564N
	0020 - Acetate Buffer pH 4.0 APHA/ASTM Chlorine

APHA Methods



APHA Method Test Method / Product Code - Item Description

4500-NH3 B

Nitrogen (Ammonia) Preliminary Distillation Step

1280 - Borate Buffer pH 9.5 APHA for Ammonia Nitrogen

1262 - Boric Acid 2% w/v Solution (Indicating)

1260 - Boric Acid 2% w/ Solution

4500-NH3 C

Nitrogen (Ammonia) Titrimetric Method

5915 - Mixed Indicator Solution APHA for Ammonia Nitrogen

1262 - Boric Acid 2% w/v Solution (Indicating)

4500-NH3 D

Nitrogen (Ammonia) Ammonia-Selective Electrode Method

0366 - Ammonia Standard 0.5 ppm as NH₃

0373 - Ammonia Standard 1,000 ppm as NH₃ (Ammonium Chloride)

0358 - Ammonia Standard 20.0 ppm as NH₃

0372 - Ammonia Standard 100 pm as NH₃ Certified

0376 - Ammonia Standard 2,000 ppm as NH₃ APHA

0378 - Ammonia Standard 25.0 ppm as NH₃

0368 - Ammonia Standard 250 pm as NH₃

0374 - Ammonia Standard 2500 pm as NH₃ APHA

3810 - Ferric Chloride 250g/100ml

3868 - Turbidity Standard 2 NTU APHA

0375 - Ammonia Standard 3000 pm as NH₃

0369 - Ammonia Standard 50.0 ppm as NH₃

0365 - Ammonia pH Adjusting Solution APHA

0367 - Ammonia Standard 1 pm as NH₃

0371 - Ammonia Nitrogen Standard 10 pm as NH₃

4500-NH3 G

Nitrogen (Ammonia) Automated Phenate Method

8710 - Sodium Phenate Reagent APHA & EPA 350.1 for Ammonia

4500-NO3- D

Nitrogen (Nitrate) Nitrate Electrode Method

1422 - Buffer Solution APHA Nitrate Electrode Method

4500-NO3- E

Nitrogen (Nitrate) Cadmium Reduction Method

0439 - Ammonium Chloride-EDTA Solution

2157 - Color Reagent APHA for Nitrogen (Nitrate & Nitrite)

4500-NO3- F

Nitrogen (Nitrate) Automated Cadmium Reduction Method

2168 - Color Reagent APHA/EPA for Nitrate-Nitrogen

APHA Methods



APHA Method	Test Method / Product Code - Item Description
4500-NO2- B	Nitrogen (Nitrite) Colorimetric Method 2157 - Color Reagent APHA for Nitrogen (Nitrate & Nitrite)
4500-Norg B 4500-Norg C	Nitrogen (Organic) Macro-Kjeldahl Method & Semi-Micro-Kjeldahl Method 1280 - Borate Buffer pH 9.5 APHA for Ammonia Nitrogen S2923 - Sodium Hydroxide 50% w/w Solution (Reagent Grade) 2780 - Digestion Reagent APHA Organic Nitrogen (Mercury Free) 8690 - Sodium Hydroxide / Thiosulfate 50.0% / 2.5% 2782 - Digestion Reagent Prepared to 18th Edition Standard Methods (contains Mercury)
4500-Norg D	Nitrogen (Organic) Block Digestion and Flow Injection Analysis 2780 - Digestion Reagent APHA Organic Nitrogen (Mercury Free) 7935 - Salicylate / Nitroprusside APHA 2782 - Digestion Reagent Prepared to 18th Edition Standard Methods (contains Mercury)
4500-O C 4500-O D	Oxygen (Dissolved) Azide Modification & Permanganate Modification 0220 - Alkaline Iodide-Azide Reagent APHA 5590 - Manganous Sulfate Solution APHA
4500-O E	Oxygen (Dissolved) Alum Flocculation Modification 0325 - Alum Solution 10% w/ APHA 0220 - Alkaline Iodide-Azide Reagent APHA
4500-O F	Oxygen (Dissolved) Copper Sulfate-Sulfamic Acid Flocculation Modification 0220 - Alkaline Iodide-Azide Reagent APHA 5590 - Manganous Sulfate Solution APHA 2450 - Copper Sulfate Sulfamic Acid
4500-P B	Phosphorous Sample Preparation 8910 - Strong Acid Solution
4500-P C	Phosphorous Vanadomolybdophosphoric Acid Colorimetric Method 9705 - Vanadate-Molybdate Reagent

APHA Methods



APHA Method	Test Method / Product Code - Item Description
4500-P D	Phosphorous Stannous Chloride Method 0480 - Ammonium Molybdate Reagent #1 0500 - Ammonium Molybdate Reagent #2 8840 - Stannous Chloride Reagent I 8850 - Stannous Chloride Reagent II 8910 - Strong Acid Solution 0170 - Alcoholic Sulfuric Acid APHA
4500-P E 4500-P F 4500-P H	Phosphorous Ascorbic Acid Method, Automated Ascorbic Acid Reduction Method, & Manual Digestion and Flow Injection Analysis for Total Phosphorous 0458 - Ammonium Molybdate 4% Solution
4500-P G 4500-P I	Phosphorous Flow Injection Analysis for Orthophosphate & In-Line UV/Persulfate Digestion and Flow Injection Analysis for Total Phosphorous 0458 - Ammonium Molybdate 4% Solution 6873 - Potassium Antimony Tartrate Solution APHA
4500-P J	Phosphorous Persulfate Method for Simultaneous Determination of Total Nitrogen and Total Phosphorous 2168 - Color Reagent APHA/EPA for Nitrate Nitrogen
4500-SiO ₂ C	Silica Molybdate-Silicate Method 6740 - Phenylarsine Oxide Titrant 0.00564N 0460 - Ammonium Molybdate 10% Solution
4500-SiO ₂ D	Silica Heteropoly Blue Method 0460 - Ammonium Molybdate 10% Solution
4500-(SO ₄) ₂ - E	Sulfate Turbidimetric Method 1392 - Buffer Solution B APHA for SO ₄ Turbidimetric Method 1551 - Buffer Reference B / APHA for Sulfate
4500-S ₂ - A 4500-S ₂ - F 4500-S ₂ - G	Sulfide Introduction 8975 - Sulfide Standard 1000 pm w/W

APHA Methods



APHA Method	Test Method / Product Code - Item Description
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4500-S2- B	Sulfide Separation of Soluble and Insoluble Sulfides 0327 - Aluminum Chloride Solution APHA for Sulfide 6.ON
4500-S2- C	Sulfide Sample Pretreatment to Remove Interfering Substances or to Concentrate the Sulfide 9910 - Zinc Acetate 2 Normal Solution APHA for Sulfide
4500-S2- D	Sulfide Methylene Blue Method 0520 - Ammonium Phosphate Solution APHA Sulfide 5810 - Methylene Blue Solution II 5800 - Methylene Blue Solution I 3810 - Ferric Chloride 250g/100ml
3500-S2- E	Sulfide Gas Dialysis, Automated Methylene Blue Method 9910 - Zinc Acetate 2 Normal Solution APHA for Sulfide 0357 - Amine Sulfuric Acid Working Solution 8975 - Sulfide Standard 1000 pm w/w
4500-(SO3)2- B	Sulfite Iodometric Method 8860 - Starch Indicator 0.5% w/ Solution
5210 B	Biochemical Oxygen Demand (BOD) 5-Day BOD Test 1670 - Calcium Chloride Solution 2.75% w/ APHA for BOD 3950 - Glucose-Glutamic Acid Solution 6760 - Phosphate Buffer pH 7.2 APHA for BOD
5210 D	Biochemical Oxygen Demand (BOD) Respirometric Method 3950 - Glucose-Glutamic Acid Solution
5530 C 5530 D	Phenols Chloroform Extraction Method & Direct Photometric Method 6748 - Phosphate Buffer Solution pH 6.8 APHA for Pheno 7115 - Potassium Ferricyanide 80.0 GPL
5540 C	Surfactants Anionic Surfactants as MBAS 5790 - Methylene Blue Reagent APHA for Surfactants

APHA Methods



APHA Method	Test Method / Product Code - Item Description
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7500-Ra B	Radium Precipitation Method 1866 - Citric Acid 1.0 Molar APHA for Radium
311 B (16th ed.)	Calcium Permanganate Titrimetric Method 0506 - Ammonium Oxalate 4% Solution
312 B (16th ed.)	Chromium Colorimetric Method 8564 - Sodium Azide 0.5% w/ Solution APHA Chromium
411 B (14th ed.)	Chlorine Requirement Methods for Purposes Other than Disinfection Control 9590 - o-Tolidine Reagent
417 B (16th ed.)	Nitrogen (Ammonia) Nesslerization Method (Direct and Following Distillation) 7925 - Rochelle Salt Solution Stabilizer APHA 3450 - EDTA Stabilizer Reagent 6350 - Nessler's Reagent Solution
421 A (16th ed.)	Oxygen (Dissolved) Iodometric Methods 0180 - Alkaline Iodide Reagent APHA Winkler Method
425 D (16th ed.)	Silica Heteropoly Blue Method 0360 - Amino Acid Solution
427 C (14th ed.)	Sulfide Methylene Blue Method 2210 - Conditioning Reagent APHA
510 B (14th ed.)	Phenols Chloroform Extraction Method 0430 - Ammonium Chloride 5% w/v Solution

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