

Chemicals

Fisher Science Education
2023 Product Catalog

Featured Suppliers

CORNING

eISCO

fisherbrand

OHAUS®

thermo scientific

United Scientific

DIVERSIFIED SPACES

kemtec
excite. encourage. inspire.

LAXCO™

Motic
SWIFTLINE

SP Bel-Art

Vernier®

Visit fisheredu.com/featuredsuppliers to learn more about these suppliers and their products.

Helpful Icons



New product



Must be shipped by truck for regulatory reasons



Meets Americans with Disabilities Act requirements



Protects against splashes from hazardous chemicals or potentially infectious materials



Applicable for remote learning



Defined as a medical device by the FDA

Guarantee

If you're not 100% satisfied with your purchase, contact our customer service team within 30 days of your invoice date and we'll either exchange, repair, or replace the product, or give you a credit for the full purchase price. Call us toll-free for a return authorization number.

Special order items, furniture, and closeouts cannot be exchanged or credited.

Phone: 1-800-955-1177 • 7 a.m. to 5:30 p.m.
Central Time, Monday through Friday

Fax: 1-800-955-0740 • 24 hours a day, 7 days a week

Email: fse.custserv@thermofisher.com

Website: fisheredu.com

Address: Fisher Science Education
4500 Turnberry Drive
Hanover Park, IL 60133

For international orders, see page page 50

Products featured in this catalog may have limited availability and extended lead times. Prices are subject to change.

Connect with Us on Social Media



fisheredu.com/facebook



twitter.com/fishersciedu



pinterest.com/fishersciedu

Chemicals

Preparing today's students to be the innovators of tomorrow isn't always easy, but finding the right teaching tools can be. From basic lab supplies to state-of-the-art classroom technology, the Fisher Science Education team has everything you need to create a 21st century STEM learning environment. Visit fisheredu.com to get started.

Want to customize aspects of your curriculum?

Explore custom kits to meet the unique demands of your classroom. Visit fisheredu.com/customkitting to learn more.

Concerned about shipping and handling fees?

We offer \$12 flat-rate shipping on most orders and our hazardous material fee is just \$15 — the lowest in the country.

Looking for Something Else?

Check out our other 2023 catalogs:

- Equipment and furniture
- Lab supplies and consumables
- Life sciences
- Physical science
- Safety
- STEM



Seen from above, green tea plantations look like human fingerprints.

Visit fisheredu.com/headlinediscoveries for more articles and information for your classroom.

Chemicals A.....	12	Chemicals M.....	29
Chemicals B.....	15	Chemicals N-O.....	31
Chemicals C.....	18	Chemicals P.....	33
Chemicals D-E.....	22	Chemicals Q-R.....	37
Chemicals F-G.....	24	Chemicals S.....	37
Chemicals H-K.....	26	Chemicals T.....	43
Chemicals L.....	28	Chemicals U-Z.....	44

Visit fisheredu.com to view our full offering of products.



Even then, you knew.

PYREX... the right choice.

Need help choosing supplies?

Use this curated list of products to restock your chemistry classroom, and visit fisheredu.com to find even more science education products.



Description	Cat. No.	Quantity
Chemicals		
Fisher Science Education™ Hydrochloric Acid, ACS, 12M	S25838	2.5 L
Fisher Science Education Hydrogen Peroxide, 30% Solution	S25360	500 mL
Fisher Science Education Sulfuric Acid, Concentrated, Reagent Grade	S25894	2.5 L
Balances		
Fisher Science Education Portable Balance	S94792C	Each
OHAUS™ Scout™ SKX Portable Balance	S14531	Each
OHAUS™ Triple Beam Balance	S40020	Each
Glassware		
DWK Life Sciences Kimble™ ValueWare™ Narrow-Mouth Erlenmeyer Flasks	S00144	12/Pack
PYREX™ VISTA™ Educational-Grade Cylinders	S95186C	12/Case
Eisco™ Glass Burette with PTFE Key Stopcock	S27992	Each
Volumetric Glassware		
DWK Life Sciences Kimble ValueWare Volumetric Flasks, Class A	S00126	6/Pack
DWK Life Sciences Kimble ValueWare Class A Volumetric Pipets	S00157	12/Pack
DWK Life Sciences Kimble ValueWare Volumetric Flasks, Class A	S00122	6/Pack
Plasticware		
United Scientific Supplies Plastic Graduated Cylinder	S01973	Each
Eisco™ Acrylic Burette	S95180A	Each
Fisher Science Education Polypropylene Beaker Set	S400563B	Pack
Metal Labware		
Eisco™ Chemistry Lab Starter Set	S23713	Each
GSC Go Science Crazy Cast Iron Support Ring Stand	S13746	Each
GSC Go Science Crazy Double Burette Clamp	S13739	Each
Liquid Handling		
Edvotek™ Variable Micropipet	S90243B	Each
Thermo Scientific™ Disposable Transfer Pipets	S304671	500/Pack
Tubing		
Cloth-Covered Burner Tubing	S491411	Each
Supertek Scientific Rubber Tubing	S09607	3.6 m
Fisherbrand™ Pressure/Vacuum Tubing	S50454	12 ft.
PPE		
Kimberly-Clark Professional™ Kimtech™ Purple Nitrile™ Gloves	S78944	100/Pack
Fisher Scientific™ PVC Aprons	S47382A	Each
Visorgogs™ Goggles	S47619S	Each
Cleaning Supplies		
Glassware Drying Rack	S47855	Each
Fisherbrand™ Sparkleen™ 1 Detergent	S701101	3.25 lb.

There are more reasons than ever to get your chemicals through the Fisher Science Education channel.

User-Friendly Reference Guide | Easy-to-Read Labels | Industry Standard Storage Plan | Comprehensive Online Resources

Classroom-Friendly Options

Purity Grades for Every Application

- Lab (or Educational) Grade — These economical chemicals are of reasonable purity for situations where no official standards for quality or impurity levels are required
- Reagent Grade — The highest quality commercially available for this chemical; the American Chemical Society (ACS) has not officially set any specifications for this material
- ACS Reagent Grade — Chemicals meet or exceed the latest ACS specifications; designed for analytical applications requiring tighter standards

Quantities to Fit Your Requirements

- Range of pack sizes, including smaller quantities to reduce cost and waste

The Fisher Science Education brand is committed to providing you with comprehensive and reliable resources to use when selecting chemicals for your classroom. Each chemical listing includes the following information (where applicable):

1	Ammonium Dichromate		
2	Ammonium Bichromate; $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$		9
3	F.W. 252.06		
4	CAS: 7789-09-5		
5	Color: Orange to red		
6	Solubility in Water: Soluble		
7	Shelf Life: 1 year		
8	DOT Class 5.1, II: Oxidizer		
10	LAB GRADE - CRYSTAL		12
	\$25169*	100 g	\$9.05
11	\$25169A*	500 g	\$29.00
	\$25169B*	2 kg	\$59.00
14	 California Proposition 65 WARNING: For more information, visit P65Warnings.ca.gov *WARNING: Cancer **WARNING: Reproductive Harm ***WARNING: Cancer and Reproductive Harm		

- 1 – Chemical Name
- 2 – Synonym(s); Chemical Formula
- 3 – Formula Weight
- 4 – CAS Number
- 5 – Color/Appearance
- 6 – Solubility
- 7 – Shelf Life
- 8 – Department of Transportation (DOT) Classification
- 9 – ChemAlert™ Storage Code
- 10 – Chemical Grade
- 11 – Catalog Number
- 12 – Available Sizes
- 13 – Price
- 14 – Prop 65 Information

Storage Information at a Glance

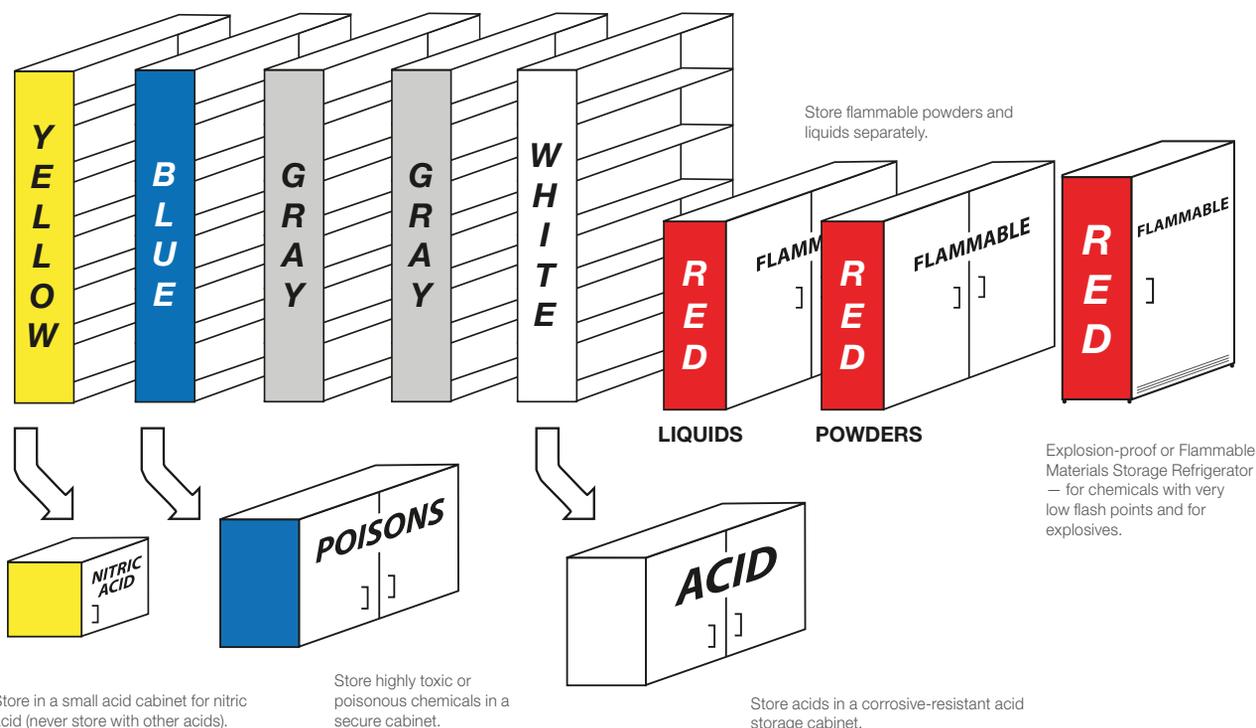
Every Fisher Science Education label features one of five color codes to suggest proper chemical storage.

- 
Red – Flammable
 Store in area segregated for flammable reagents.
- 
Blue – Health Hazard
 Toxic if inhaled, ingested, or absorbed through skin; store in secure area.
- 
Yellow – Reactive and Oxidizing
 May react violently with air, water, or other substances; store away from flammable and combustible materials.
- 
White – Corrosive
 May harm skin, eyes, and mucous membranes; store away from red-, yellow-, and blue-coded reagents. Store acids and bases separately.
- 
Gray – Moderate Hazard
 Presents no more than moderate hazard in any of the hazards previously listed.

IMPORTANT:

- Oxidizers (YELLOW) must be isolated from flammables (RED). It is recommended that all flammables be stored in a dedicated flammables storage cabinet.
- If you store any highly toxic chemicals or severe poisons (BLUE), they should receive special security.
- Avoid any storage on floor or above eye level.
- Storage shelves should have a 3/4 in. lip to help prevent spills.
- Always lock your chemical storage room.

Visit fisheredu.com/chemicals for more safety information and additional resources for your lab.



NOTE: ChemAlert is an instant guide only. It should be supplemented by reading the rest of the label (which provides detailed instructions in the event of accidental exposure, spill, or fire, and applicable OSHA, DOT, and ANSI™ data), the appropriate Safety Data Sheet (SDS) and standard references.

Beginning in June of 2015, the OSHA Globally Harmonized System of Classification and Labeling for Chemicals became the standard on all Fisher Science Education chemical bottles. This new labeling system provides users with a standardized, common approach to classifying chemicals, ensuring that students will find consistent information about the handling and safe use of hazardous chemicals from their first exposure in the classroom, through college, and into their future careers.



1 Ammonium Dichromate

Lab Grade
CODE: S25169

Lot #: **3**
Expires: **4**
Size: 100g

SIGNAL WORD: Danger

Proper Shipping Name: Ammonium Dichromate
UN Identification Number: UN1439

2



7

12

HAZARD STATEMENT

May intensify fire, oxidizer. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Toxic if swallowed. Harmful in contact with skin. Fatal if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

10

PRECAUTIONARY STATEMENT

Keep only in original container. Do not breathe mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves and eye protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Store locked up. Store in corrosive resistant container with a resistant inner liner. Dispose of contents/container in accordance with local/regional/national/international regulations.

14

WARNING: Cancer - www.P65Warnings.ca.gov

9

Storage Code Yellow

Film 148 – product does not originate from Flinn Scientific, Inc.



SDS



INFO

8



13

CONTAINS:
Ammonium Dichromate CAS#
7789-09-5



S25169

Supplied By: Fisher Science Education, 6771 Silver Crest Road, Nazareth, PA 18064. Business Phone: 800 955-1177 Emergency Phone: 800-255-3924

1 – Chemical Name	5 – Signal Word	9 – Storage Code	11 – QR code – links to chemical online resources
2 – Catalog Number	6 – Proper Shipping Information	10 – Flinn Compatible Chemical Family Code (used with permission of Flinn Scientific, Inc.)	12 – Safety Information
3 – Lot Number	7 – NFPA Information		13 – Contains
4 – Expiration Date	8 – GHS Pictograms		14 – Prop 65 Information

GHS Pictograms

 <p>Health Hazard Carcinogen Mutagenicity Reproductive Toxicity Respiratory Sensitizer Target Organ Toxicity Aspiration Toxicity</p>	 <p>Flame Flammables Pyrophorics Self-Heating Emits Flammable Gas Self-Reactives Organic Peroxides</p>	 <p>Exclamation Mark Irritant (skin and eye) Skin Sensitizer Acute Toxicity Narcotic Effects Respiratory Tract Irritant Hazardous to Ozone Layer (Non-Mandatory)</p>	 <p>Gas Cylinder Gases Under Pressure</p>	 <p>Corrosion Skin Corrosion / Burns Eye Damage Corrosive to Metals</p>
 <p>Exploding Bomb Explosives Self-Reactives Organic Peroxides</p>	 <p>Flame Over Circles Oxidizers</p>	 <p>Environment Aquatic Toxicity</p>	 <p>Skull and Crossbones Acute Toxicity (fatal or toxic)</p>	

ChemAlert™ Storage Codes

Indicate the recommended method of chemical storage.

Every Fisher Science Education label features one of the five following color codes to indicate storage needs.



Red – Flammable

Store in area segregated for flammable reagents.



Blue – Health Hazard

Toxic if inhaled, ingested, or absorbed through skin; store in secure area.



Yellow – Reactive and Oxidizing

May react violently with air, water, or other substances; store away from flammable and combustible materials.



White – Corrosive

May harm skin, eyes, and mucous membranes; store away from red-, yellow-, and blue-coded reagents. Store acids and bases separately.



Gray – Moderate Hazard

Presents no more than moderate hazard in any of the hazards previously listed.

Dot Classifications

The U.S. Department of Transportation (DOT) publishes transportation regulations covering shipments of materials classified as hazardous within the continental United States and its territories. These regulations, covering packaging, marking, labeling, and shipping paper descriptions, are published in 49 CFR Parts 100-185. Materials are classified according to the system listed below.

DOT Hazard Class /Division	DOT Hazard Description
1	Explosives
2.1	Flammable Gas
2.2	Non-Flammable Gas
2.3	Poison Gas
3	Flammable Liquid
4.1	Flammable Solid
4.2	Spontaneously Combustible
4.3	Dangerous When Wet
5.1	Oxidizer
5.2	Organic Peroxide
6.1	Poison
6.2	Infectious Substance
7	Radioactive
8	Corrosive
9	Miscellaneous

NFPA Hazard Code Ratings

The National Fire Protection Association has developed a numerical rating system that reflects the health, flammability, self-reactivity, and other hazards of materials, including reactivity with water, as specified in NFPA 704, Standard System for the Identification of the Hazards of Materials for Emergency Response. Potential hazards are evaluated based on the degree of hazard, and the numerical rating is placed inside the universal NFPA symbol (Included on all Fisher Science Education chemical labels).

NFPA Rating Explanation Guide					
RATING NUMBER	HEALTH HAZARD	FLAMMABILITY HAZARD	INSTABILITY HAZARD	RATING SYMBOL	SPECIAL HAZARD
4	Can be lethal	Will vaporize and readily burn at normal temperatures	May explode at normal temperatures and pressures	ALK	Alkaline
3	Can cause serious or permanent injury	Can be ignited under almost all ambient temperatures	May explode at high temperature or shock	ACID	Acidic
2	Can cause temporary incapacitation or residual injury	Must be heated or high ambient temperature to burn	Violent chemical change at high temperatures or pressures	COR	Corrosive
1	Can cause significant irritation	Must be preheated before ignition can occur	Normally stable. High temperatures make unstable	OX	Oxidizing
0	No hazard	Will not burn	Stable	☸	Radioactive
				☹	Reacts violently or explosively with water
				☹ OX	Reacts violently or explosively with water and oxidizing

Restrictions on Sale of Chemicals

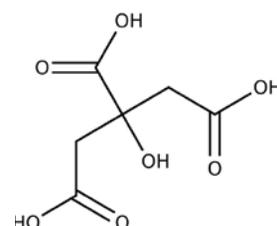
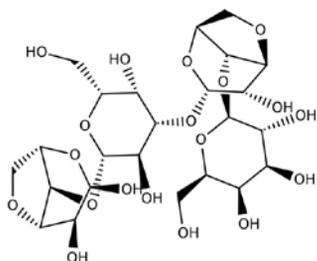
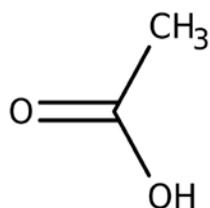
Chemicals can be sold only to institutions, to full-time educators, and to professionals, on purchase order or organization letterhead. We are not permitted to honor student orders.

A hazardous surcharge will be applied to chemicals that are designated hazardous by the U.S. Department of Transportation at the time of shipment. Certificates of analysis are NOT available for the chemicals featured in this catalog.

Fisher Science Education chemicals are intended to be used **for educational purposes only**.

Top Chemicals

Use this curated list of products to restock your classroom, and visit fisheredu.com to find even more science education products.



Description	Quantity	Cat. No.
Fisher Science Education Acetic Acid, Glacial	500 mL	S25118A
Fisher Science Education Acetone	4 L	S25120A
Fisher Science Education Agarose	25 g	S25128
Fisher Science Education Albumin, from Eggs	25 g	S25132
Fisher Science Education Biuret Reagent	500 mL	S25200A
Fisher Science Education Calcium Chloride Di-Hydrate	500 g	S25222A
Fisher Science Education Citric Acid, Anhydrous	500 g	S25255A
Fisher Science Education Ethyl Alcohol, 95%, Denatured with MIBK	500 mL	S25310
Fisher Science Education Hydrochloric Acid, 12M, ACS	2.5 L	S25838
Fisher Science Education Hexanes	4 L	S25352A
Fisher Science Education Hydrogen Peroxide, 30% Solution	500 mL	S25360
Fisher Science Education Magnesium Metal (Ribbon/Turnings)	50 g	S25397
Fisher Science Education Phenolphthalein Indicator	100 g	S25466A
Fisher Science Education Potassium Iodide	500 g	S25493B
Fisher Science Education Silver Nitrate	25 g	S25525
Fisher Science Education Sodium Bicarbonate	500 g	S25533C
Fisher Science Education Corn Starch	500 g	S25580
Fisher Science Education White Vinegar	3.8 L	S25623A
Fisher Science Education Distilled Water	1 gal.	S25868
Fisher Science Education Zinc, Metal Pieces	100 pieces	S25644

Visit fisheredu.com or contact your Fisher Science Education sales representative to access our full selection of products.

NEW Featured Products



Advanced, Research-Grade pH Meter

Discover accurate and repeatable results with selectable resolution and an intelligent i-Steward system.

Description	Cat. No.	Price
OHAUS™ Aquasearcher™ pH Meter AB41PH	S05294	\$1,255.00



Lab Essentials and Demonstrations

Stock your classroom with beakers, cylinders, test tubes, and other essential lab accessories.

Description	Cat. No.	Price
Eisco™ Ultimate Lab Starter Kit	S487653	\$201.00
Eisco Half Life Analogue Demonstration	S15101	\$64.25



Personal Protection and Measurement Instruments

Find disposable protection and measuring utensils for your staff and students.

Description	Cat. No.	Price
United Scientific™ Plastic Disposable Aprons, One Size, 20/Pack	S111125	\$8.20
United Scientific Metric Measuring Spoon Set	S111007	\$3.65



Chromatography Kit

Help your students explore the health risks of e-cigarettes and vaping by investigating chemical contents.

Description	Cat. No.	Price
Edvotek™ Dangerous or Delicious: Using Chromatography to Examine Vaping	S52004	\$118

Innovating Science™



Chemical Reactivity Kits

Facilitate student examination of chemical reactions like copper and silver nitrate, sodium bicarbonate and hydrochloric acid, and more.

Description	Cat. No.	Price
Innovating Science™ Stoichiometry of Copper and Silver Nitrate Kit	S280001	\$72.00
Innovating Science Equilibrium and Le Chatelier's Principle Kit	S280000	\$29.75
Innovating Science Ideal Gas Law Kit	S18901	\$49.75
Innovating Science Distance Learning: Periodic Table of Nonmetals, Metals, and Metalloids Kit	S08195	\$22.25

WALTER PRODUCTS INC.



Electric Pipette Controllers and Magnetic Stirrer

Fill pipettes efficiently with motorized controllers and stir liquid contents in any glass container.

Description	Cat. No.	Price
Walter Products Electric Pipette Controller, 0.1 to 200 mL, Dark Blue	S139025	\$292.00
Walter Products Mini Magnetic Stirrer, Surface Dimensions: 3.4 x 3.4 in.	S139002	\$104.00

Acacia

Gum Arabic

CAS: 9000-01-5

Color: White to Yellow

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID

S25114	100 g	\$14.25
--------	-------	---------

MODERATE HAZARD

AcetamideAcetic Acid Amide; CH₃CONH₂

F.W. 59.06

CAS: 60-35-5

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

CRYSTALS

S25116*	100 g	\$17.00
---------	-------	---------

MODERATE HAZARD

AcetanilideN-Phenylacetamide; CH₃CONHC₆H₅

F.W. 135.17

CAS: 103-84-4

Color: White

Solubility in Water: Slightly soluble

Shelf Life: 5 years

GLISTENING CRYSTALS

S25117A	50 g	\$29.50
S25117	100 g	\$42.75

MODERATE HAZARD

Acetic Acid Solution

Color: Clear

Solubility in Water: Soluble in water

DOT Class 8, III: Corrosive

6M

S25840B	1 L	\$20.50
---------	-----	---------

CORROSIVE

MODERATE HAZARD

0.1M

S25840	1 L	\$20.25
--------	-----	---------

1.0M

S25840A	1 L	\$20.25
---------	-----	---------

Acetic Acid, GlacialCH₃CO₂H

F.W. 60.05

CAS: 64-19-7

Color: Clear

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 8 (3), II: Corrosive

ACS GRADE

S25118B	500 mL	\$25.25
S25118	2.5 L	\$80.00

ACS GRADE, SAFECOTE

S25118A	500 mL	\$22.75
---------	--------	---------

FLAMMABLE

Acetic AnhydrideAcetic Oxide; (CH₃CO)₂O

F.W. 102.09

CAS: 108-24-7

Color: Clear

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 8 (3), II: Corrosive

LAB GRADE

S25119	100 mL	\$14.50
--------	--------	---------

REAGENT GRADE

S25119A	500 mL	\$38.00
---------	--------	---------

FLAMMABLE

Aceto-Orcein Solution, 2%

Color: Violet

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, III: Corrosive

0.02

S25121	30 mL	\$18.00
--------	-------	---------

S25121A	100 mL	\$43.25
---------	--------	---------

CORROSIVE

Acetone2-Propanone; Propanone CH₃COCH₃

F.W. 58.08

CAS: 67-64-1

Color: Clear

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 3, II: Flammable Liquid

ACS GRADE

S25120	500 mL	\$21.00
--------	--------	---------

S25120A	4 L	\$43.25
---------	-----	---------

HISTOLOGY GRADE

S25904	4 L	\$42.50
--------	-----	---------

REAGENT GRADE

S25120B	500 mL	\$14.00
---------	--------	---------

S25120C	20 L	\$178.00
---------	------	----------

FLAMMABLE

Acetylcholine Chloride Solution, 0.01%

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 2 years

0.0001

S25652	100 mL	\$12.00
--------	--------	---------

MODERATE HAZARD

Acetylsalicylic AcidAspirin; 2-(CH₃CO₂)C₆H₄CO₂H

F.W. 180.16

CAS: 50-78-2

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: Poison

LAB GRADE

S25122**	100 g	\$14.75
----------	-------	---------

HEALTH HAZARD

Adenosine Triphosphate (ATP)ATP; C₁₀H₁₄N₅O₁₃P₃Na₂·3H₂O

F.W. 551.18

CAS: 987-65-5

Color: White solid

Shelf Life: 5 years

SOLID

S25123	1 g	\$33.25
--------	-----	---------

MODERATE HAZARD

Adipic Acid

1,4-Butanedicarboxylic Acid;

HO₂C(CH₂)₄CO₂H

F.W. 146.14

CAS: 124-04-9

Color: White powder

Solubility in Water: Insoluble

Shelf Life: 2 years

POWDER

S25124	500 g	\$17.50
--------	-------	---------

MODERATE HAZARD

Adipoyl Chloride, Hexane Solution

Diproyl

Color: Clear, colorless

Solubility in Water: Insoluble

Shelf Life: One year

DOT Class 3 (8), II: Flammable Liquid

SOLUTION

S25125	100 mL	\$25.75
--------	--------	---------

S25125A	250 mL	\$49.50
---------	--------	---------

FLAMMABLE

L-Adrenaline Solution, 0.01%Epinephrine; C₉H₁₃NO₃

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 18 months

0.001

S25126	100 mL	\$9.25
--------	--------	--------

MODERATE HAZARD

Agar, Bacteriological

Gelose

CAS: 9002-18-0

Color: Light beige

Solubility in Water: Soluble in hot water

Shelf Life: 2 years

SOLID

S25127	100 g	\$24.75
--------	-------	---------

S25127A	500 g	\$71.25
---------	-------	---------

MODERATE HAZARD

Agarose

Powder

CAS: 9012-36-6

Color: Yellow-brown to orange-yellow

Shelf Life: 2 years

POWDER

S25128A	5 g	\$28.50
---------	-----	---------

S25128	25 g	\$62.75
--------	------	---------

MODERATE HAZARD



Agarose Solution

Liquid
Color: Clear, colorless
Solubility in Water: Complete
Shelf Life: 2 years

0.008		
S25129	200 mL	\$25.75
0.02		
S25130	200 mL	\$21.50

MODERATE HAZARD

L-Alanine

(S)-Alanine; $\text{CH}_3\text{CH}(\text{NH}_2)\text{CO}_2\text{H}$
F.W. 89.09
CAS: 56-41-7
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

SOLID		
S25647	5 g	\$35.00

MODERATE HAZARD

DL-Alanine

$\text{CH}_3\text{CH}(\text{NH}_2)\text{CO}_2\text{H}$
F.W. 89.09
 302-72-7
 DL-Alanine
Density: 1.424g/mL
Color: White Crystalline Powder
Solubility in Water: Soluble
 5 years

SOLID		
S25648	50 g	\$25.25

MODERATE HAZARD

Albumin, from Eggs

Egg Albumin
CAS: 9006-59-1
Color: Yellow
Solubility in Water: Soluble in water
Shelf Life: 1 year

REAGENT GRADE		
S25132	25 g	\$10.75
S25132A	100 g	\$16.75
S25132B	500 g	\$66.75

MODERATE HAZARD

Alizarin Red S

Mordant Red 3; $\text{C}_{14}\text{H}_7\text{NaO}_7\text{S}$
F.W. 342.26
CAS: 130-22-3
Color: pH 4.6 (Yellow); pH 6.0 (Red)
Solubility in Water: Soluble
Shelf Life: 5 years

SOLID		
S25131	25 g	\$19.25

MODERATE HAZARD

Alizarin Yellow R, Indicator Solution

Color: Clear, yellow
Solubility in Water: Infinite
Shelf Life: 18 months

0.001		
S25134A	100 mL	\$11.00
S25134	500 mL	\$20.00

MODERATE HAZARD

Alizarin Yellow R, Sodium Salt

Mordant Orange 1; $\text{C}_{13}\text{H}_8\text{N}_3\text{O}_5\text{Na}$
CAS: 1718-34-9
Color: Brown yellow, Red brown or Brown
Solubility in Water: Soluble in water
Shelf Life: 5 years

SOLID		
S25133A	10 g	\$13.50

MODERATE HAZARD

Aluminon

Aurin Tricarboxylic Acid; $\text{C}_{22}\text{H}_{23}\text{N}_3\text{O}_9$
F.W. 473.44
CAS: 569-58-4
Color: Red-brown
Solubility in Water: Soluble in water
Shelf Life: 5 years

REAGENT GRADE		
S25140	5 g	\$22.50
S25140A	25 g	\$37.75

MODERATE HAZARD

Aluminum Ammonium Sulfate, Dodecahydrate

Ammonium Alum; $\text{AlNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
F.W. 453.32
CAS: 7784-26-1
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years

REAGENT GRADE		
S25142A	500 g	\$16.25

MODERATE HAZARD

Aluminum Chloride, Hexahydrate

Trichloroaluminum Hexahydrate;
 $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$
F.W. 241.43
CAS: 7784-13-6
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 8, II: Corrosive
 Reacts strongly with water

REAGENT GRADE		
S25143	100 g	\$15.75
S25143A	500 g	\$30.25

CORROSIVE

Aluminum Hydroxide

Aluminum (III) Hydroxide; $\text{Al}(\text{OH})_3 \cdot \text{XH}_2\text{O}$
F.W. 78.00
CAS: 21645-51-2
Color: White
Solubility in Water: Insoluble in water
Shelf Life: 5 years

LAB GRADE		
S25147	100 g	\$10.75
S25147A	500 g	\$20.50

MODERATE HAZARD

Aluminum Metal

Al
F.W. 26.98
CAS: 7429-90-5
Color: Silver-gray
Solubility in Water: Insoluble
Shelf Life: 5 years
 Reacts with water or moisture

LAB GRADE - GRANULAR, 10 TO 30 MESH		
S25141	100 g	\$8.20
S25141A	500 g	\$49.50
LAB GRADE - METAL STRIPS		
S25146	30/Pk	\$20.25
REAGENT GRADE - PELLETS, 2 TO 5 MESH		
S25150	500 g	\$22.25
REAGENT GRADE - SHEETS, 12 X 12 X 0.03"		
S25145	Ea.	\$38.00

MODERATE HAZARD

Aluminum Nitrate, Nonahydrate

Nitric Acid Aluminum Salt; $\text{Al}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$
F.W. 375.13
CAS: 7784-27-2
Color: Colorless to white
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 5.1, III: Oxidizer

REAGENT GRADE		
S25148	100 g	\$10.50
S25148A	500 g	\$40.00

REACTIVE & OXIDIZING

Aluminum Oxide, Anhydrous

Alumina; Al_2O_3
F.W. 101.96
CAS: 1344-28-1
Color: White
Solubility in Water: Insoluble in water
Shelf Life: 5 years

LAB GRADE - POWDER		
S25149	100 g	\$17.00
S25149A	500 g	\$24.25

MODERATE HAZARD

Aluminum Potassium Sulfate, Dodecahydrate

Alum; $\text{AlK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
F.W. 474.3558
CAS: 7784-24-9
Color: White
Solubility in Water: Partially Soluble
Shelf Life: 5 years

LAB GRADE - POWDER		
S25152	30 g	\$6.05
S25152D	500 g	\$13.00
S25152C	2 kg	\$32.75
REAGENT GRADE - POWDER		
S25152B	500 g	\$24.25

MODERATE HAZARD

Aluminum Sulfate Solution, 0.1M

Color: Clear
Solubility in Water: Infinite

0.1M		
S25841	500 mL	\$11.00

MODERATE HAZARD

Aluminum Sulfate, HydrateAl₂(SO₄)₃·18H₂O

F.W. 666.42

CAS: 7784-31-8

Color: Solid

Solubility in Water: Infinite

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25137	500 g	\$12.00
--------	-------	---------

Aluminum, Powder

Al

F.W. 26.98

CAS: 7429-90-5

Color: Silver to gray

Solubility in Water: Insoluble

Shelf Life: 2 years

Reacts with water or moisture

FLAMMABLE

REAGENT GRADE - POWDER

S25144	100 g	\$20.50
--------	-------	---------

S25144A	500 g	\$46.25
---------	-------	---------

Ammonia Solution

Ammonium hydrate

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLUTION

S25164	500 mL	\$12.00
--------	--------	---------

S25164A	1 L	\$11.50
---------	-----	---------

S25164B	1 gal.	\$16.25
---------	--------	---------

Ammonium AcetateAcetic Acid, Ammonium Salt; NH₄C₂H₃O₂

F.W. 77.08

CAS: 631-61-8

Color: White

Solubility in Water: Soluble in cold water

Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE

S25165*	500 g	\$37.50
---------	-------	---------

Ammonium Carbonate(NH₄)₂CO₃

F.W. 96.07

CAS: 506-87-6

Color: Colorless/White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - CHIPS

S25166	100 g	\$15.25
--------	-------	---------

LAB GRADE - LUMPS

S25166A	500 g	\$30.50
---------	-------	---------

LAB GRADE - POWDER

S25167	500 g	\$22.00
--------	-------	---------

Ammonium ChlorideSal Ammoniac; NH₄Cl

F.W. 53.49

CAS: 12125-02-9

Color: White

Solubility in Water: Partly Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25168B	500 g	\$11.50
---------	-------	---------

S25168C	2 kg	\$26.00
---------	------	---------

REAGENT GRADE

S25168	100 g	\$7.65
--------	-------	--------

S25168A	500 g	\$18.25
---------	-------	---------

Ammonium Chloride Solution, 1M

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD

1M

S25842	500 mL	\$14.00
--------	--------	---------

Ammonium DichromateAmmonium Bichromate; (NH₄)₂Cr₂O₇

F.W. 252.06

CAS: 7789-09-5

Color: Orange to red

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE - CRYSTAL

S25169*	100 g	\$9.05
---------	-------	--------

S25169A*	500 g	\$29.00
----------	-------	---------

S25169B*	2 kg	\$59.00
----------	------	---------

Ammonium Hydroxide Solution, 0.1M

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25843	1 L	\$16.25
--------	-----	---------

Ammonium Hydroxide Solution, 1MAmmonium Hydroxide; NH₄OH

F.W. 35.04

CAS: 1336-21-6

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 5 years

DOT Class 8, III: Corrosive

CORROSIVE

REAGENT GRADE - SAFECOTE

S25159	500 mL	\$21.25
--------	--------	---------

REAGENT GRADE

S25159A	2.5 L	\$59.75
---------	-------	---------

1M

S25170	500 mL	\$11.00
--------	--------	---------

Ammonium Hydroxide Solution, 3M

Color: Clear

Solubility in Water: Infinite

CORROSIVE

DOT Class 8, III: Corrosive

3M

S25844	500 mL	\$10.75
--------	--------	---------

Ammonium Molybdate, Tetrahydrate

Ammonium Heptamolybdate

Tetrahydrate; (NH₄)₆Mo₇O₂₄·4H₂O

F.W. 1235.86

CAS: 12027-67-7

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

ACS GRADE

S25171	100 g	\$37.25
--------	-------	---------

Ammonium NitrateNitric Acid Ammonium Salt; NH₄NO₃

F.W. 80.04

CAS: 6484-52-2

Color: White

Shelf Life: 2 years

DOT Class 5.1, III: Oxidizer

Explosive under high temperatures

REACTIVE & OXIDIZING

ACS GRADE

S25172	500 g	\$29.50
--------	-------	---------

LAB GRADE

S25173	100 g	\$8.40
--------	-------	--------

S25160	500 g	\$17.50
--------	-------	---------

Ammonium Oxalate, MonohydrateOxalic Acid; (NH₄)₂C₂O₄·H₂O

F.W. 142.11

CAS: 6009-70-7

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 6.1, III: Poison

HEALTH HAZARD

LAB GRADE - CRYSTAL

S25174	100 g	\$17.25
--------	-------	---------

S25174A	500 g	\$49.25
---------	-------	---------

Ammonium PersulfateAmmonium Peroxydisulfate; (NH₄)₂S₂O₈

F.W. 228.19

CAS: 7727-54-0

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

POWDER

S25178	100 g	\$10.75
--------	-------	---------

Ammonium Phosphate, Dibasic

Diammonium Hydrogen Phosphate;

(NH₄)₂HPO₄

F.W. 132.06

CAS: 7783-28-0

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25175A	100 g	\$10.25
---------	-------	---------



Ammonium Phosphate, MonobasicAmmonium dihydrogen phosphate;
NH₄H₂PO₄

F.W. 115.03

CAS: 7722-76-1

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

LAB GRADE - POWDER

S25153A	500 g	\$31.25
S25153	100 g	\$4.20

MODERATE HAZARD

Ammonium SulfateDiammonium Sulfate; (NH₄)₂SO₄

F.W. 132.14

CAS: 7783-20-2

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

REAGENT GRADE

S25176	100 g	\$9.40
S25176A	500 g	\$18.25

MODERATE HAZARD

Ammonium ThiocyanateAmmonium Sulfocyanate; NH₄SCN

F.W. 76.12

CAS: 1762-95-4

Color: White

Solubility in Water: Freely soluble

Shelf Life: 5 years

DOT Class 9, III: *Miscellaneous***LAB GRADE - CRYSTALLINE POWDER**

S25158	500 g	\$38.50
--------	-------	---------

REAGENT GRADE - CRYSTALLINE POWDER

S25177	100 g	\$16.75
S25154	500 g	\$38.50

HEALTH HAZARD

n-Amyl Alcoholn-Pentanol; CH₃(CH₂)₄OH

F.W. 88.15

CAS: 71-41-0

Color: Clear, colorless

Solubility in Water: Slightly soluble

Shelf Life: 5 years

DOT Class 3, III: *Flammable Liquid***SOLUTION**

S25181	500 mL	\$26.00
--------	--------	---------

FLAMMABLE

α-Amylase

alpha-Amylase

CAS: 9000-90-2

Color: White-yellow

Shelf Life: 5 years

SOLUTION

S25135A	5 g	\$11.00
S25135B	10 g	\$21.75
S25135	25 g	\$24.25

MODERATE HAZARD

AnilineC₆H₅NH₂

F.W. 93.13

CAS: 62-53-3

Color: Light yellow

Solubility in Water: Slightly

Shelf Life: One year

DOT Class 6.1, II: *Poison***SOLUTION**

S25179*	100 mL	\$29.25
---------	--------	---------

HEALTH HAZARD

Antacid, Effervescent

CAS: 471-34-1

Shelf Life: 2 years

TABLET

S25180	24 Pk	\$22.00
--------	-------	---------

MODERATE HAZARD

Antimony

Stibium; Sb

F.W. 121.75

CAS: 7440-36-0

Color: Silver white

Solubility in Water: Insoluble in water

Shelf Life: 5 years

SOLID

S25182	25 g	\$10.25
--------	------	---------

MODERATE HAZARD

Antimony, TrichlorideAntimony (III) Chloride; SbCl₃

F.W. 228.11

CAS: 10025-91-9

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, II: *Corrosive***CRYSTALS**

S25183	100 g	\$14.50
--------	-------	---------

CORROSIVE

D-ArabinoseC₅H₁₀O₅

F.W. 150.13

CAS: 28697-53-2

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID

S25650	25 g	\$108.00
--------	------	----------

MODERATE HAZARD

L-ArabinoseC₅H₁₀O₅

F.W. 150.13

CAS: 5328-37-0

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

POWDER

S25651	25 g	\$164.00
--------	------	----------

MODERATE HAZARD

Ascorbic AcidL-Ascorbic Acid; C₆H₈O₆

F.W. 176.13

CAS: 50-81-7

Color: White to yellow

Solubility in Water: Soluble

Shelf Life: 2 years

REAGENT GRADE - POWDER CRYSTALS

S25184	100 g	\$21.50
--------	-------	---------

MODERATE HAZARD

L-AsparagineAspartic Acid; C₄H₈N₂O₃·H₂O

F.W. 150.14

CAS: 5794-13-8

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

POWDER

S25653	25 g	\$29.25
--------	------	---------

MODERATE HAZARD

Baking Powder

Color: White

Shelf Life: 5 years

POWDER

S25185	100 g	\$4.75
--------	-------	--------

MODERATE HAZARD

Barium CarbonateBarium Dichloride; BaCO₃

F.W. 197.37

CAS: 513-77-9

Color: White

Solubility in Water: Water insoluble

Shelf Life: 5 years

DOT Class 6.1, III: *Poison***POWDER**

S25186	100 g	\$25.50
--------	-------	---------

HEALTH HAZARD

Barium Chloride, DihydrateBarium Dichloride; BaCl₂·2H₂O

F.W. 244.28

CAS: 10326-27-9

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 6.1, III: *Poison***REAGENT GRADE**

S25187	500 g	\$34.75
S25187A	2 kg	\$74.00

HEALTH HAZARD

Barium Hydroxide, OctahydrateBa(OH)₂·8H₂O

F.W. 315.48

CAS: 12230-71-6

Color: White

Shelf Life: One year

DOT Class 8, III: *Corrosive***LAB GRADE**

S25189	500 g	\$34.00
--------	-------	---------

REAGENT GRADE

S25188	100 g	\$14.00
S25188A	500 g	\$34.75

CORROSIVE

Barium NitrateBarium Dinitrate; Ba(NO₃)₂

F.W. 261.34

CAS: 10022-31-8

Color: White

Solubility in Water: Moderate

Shelf Life: 5 years

DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25190A 500 g \$15.25

REAGENT GRADE

S25190 100 g \$9.10

S25190B 500 g \$26.00

Barium Nitrate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water
0.1M

MODERATE HAZARD

REAGENT GRADE

S25845 500 mL \$6.25

Barium SulfateArtificial Barite; BaSO₄

F.W. 233.40

CAS: 7727-43-7

Color: White to yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25191A 500 g \$22.75

Beef Extract

CAS: 68990-09-0

Color: Brown/black

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

POWDER

S25661 25 g \$17.50

S25661A 100 g \$38.50

Beeswax

CAS: 8012-89-3

Color: White to yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25192 100 g \$15.75

S25192A 500 g \$40.00

Benedict's Solution, Qualitative

Color: Clear blue

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25193 500 mL \$8.80

S25193A 1 L \$18.00

S25193B 3.8 L \$52.50

Benedict's Solution, Quantitative

Color: Clear

Solubility in Water: Completely soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25194 1 L \$27.50

S25194A 3.8 L \$59.00

Benzoic AcidBenzenemethanoic Acid; C₆H₅COOH

F.W. 122.12

CAS: 65-85-0

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE - POWDER

S25195 500 g \$22.00

BenzophenoneDiphenyl Ketone; (C₆H₅)₂CO

F.W. 182.22

CAS: 119-61-9

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 2 years

DOT Class 9, III: Miscellaneous

HEALTH HAZARD

SOLID

S25664B* 100 g \$28.25

Benzoyl PeroxideBenzoic Acid Peroxide; (C₆H₅CO)₂O₂

F.W. 242.23

CAS: 94-36-0

Color: White

Solubility in Water: Slightly in water

Shelf Life: 2 years

DOT Class 5.2, II: Organic Peroxide

REACTIVE & OXIDIZING

POWDER

S25672 25 g \$34.00

Benzyl AlcoholBenzenemethanol; C₆H₅CH₂OH

F.W. 108.14

CAS: 100-51-6

Color: Clear Colorless

Solubility in Water: Slightly soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25666 100 mL \$21.00

S25666A 500 mL \$65.50

Bile Salts

Ox Bile

Color: Yellow-green

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25196 25 g \$18.00

Bismuth

Bi

F.W. 208.98

CAS: 7440-69-9

Color: Silver/white or red

Solubility in Water: Insoluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25197A 100 g \$35.00

Bismuth Nitrate

Bismuth (III) Nitrate, Pentahydrate;

Bi(NO₃)₃·5H₂O

F.W. 485.11

CAS: 10035-06-0

Color: White

Shelf Life: One year

DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE - CRYSTALS

S25198A 25 g \$28.75

S25198B 100 g \$55.00

Biuret

Imidodicarbonic Diamide;

NH₂CONHCONH₂

F.W. 103.08

CAS: 108-19-0

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25199 50 g \$20.75

Biuret Reagent

Color: Clear blue

Solubility in Water: Infinite

Shelf Life: 2 years

DOT Class 8, III: Corrosive

For protein test

CORROSIVE

SOLUTION

S25200 100 mL \$2.60

S25200A 500 mL \$11.25

S25200B 1 L \$14.75

Boiling Chips, Marble

Limestone

F.W. 100.09

CAS: 471-34-1

Color: Gray to tan

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25201 100 g \$6.50

S25201A 500 g \$9.45

S25201C 2 kg \$15.00

S25201B 500 g \$4.75



Boric AcidBoric Acid; H₃BO₃

F.W. 61.83

CAS: 10043-35-3

Color: White

Solubility in Water: Partly soluble in water

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25202	100 g	\$16.50
--------	-------	---------

REAGENT GRADE

S25202A	100 g	\$11.50
---------	-------	---------

S25202B	500 g	\$22.50
---------	-------	---------

Brass Shot

Color: Yellowish

Shelf Life: 5 years

MODERATE HAZARD

METAL

S25663	100 g	\$20.00
--------	-------	---------

Brilliant Cresyl Blue Staining Solution

Brilliant Blue G

Color: Clear blue

Solubility in Water: Soluble

Shelf Life: 18 months

MODERATE HAZARD

SOLUTION

S25668	100 mL	\$27.00
--------	--------	---------

Bromocresol Green Solution

BCG

Color: Green

Solubility in Water: Infinite

Shelf Life: 18 months

MODERATE HAZARD

0.04% W/V SOLUTION

S25846	100 mL	\$4.60
--------	--------	--------

S25205	500 mL	\$18.25
--------	--------	---------

Bromocresol Purple Indicator Solution, 0.04%

Color: Red

Solubility in Water: Infinite

Shelf Life: 18 months

MODERATE HAZARD

0.0004

S25847	100 mL	\$6.55
--------	--------	--------

Bromine Water

Color: Clear, orange

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 8(6.1), I: Corrosive

CORROSIVE

SOLUTION

S25203	500 mL	\$112.00
--------	--------	----------

BromobenzeneBromobenzol; C₆H₅Br

F.W. 157.01

CAS: 108-86-1

Color: Clear Colorless

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 3, III: Flammable Liquid

FLAMMABLE

SOLUTION

S25665	50 mL	\$27.25
--------	-------	---------

S25665A	100 mL	\$52.75
---------	--------	---------

Bromocresol GreenBCG; C₂₁H₁₃Br₄NaO₅S

F.W. 720.00

CAS: 62625-32-5

Color: Brown

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25204	5 g	\$47.25
--------	-----	---------

Bromothymol Blue Solution, 0.04%

Color: Dark Green

Solubility in Water: Infinite

Shelf Life: 18 months

MODERATE HAZARD

0.0004

S25207	10 mL	\$5.45
--------	-------	--------

S25207A	100 mL	\$6.50
---------	--------	--------

S25207B	500 mL	\$12.50
---------	--------	---------

S25207C	1 L	\$11.75
---------	-----	---------

Bromothymol Blue, Sodium SaltC₂₇H₂₇Br₂O₅SNa

F.W. 646.04

CAS: 34722-90-2

Color: Orange to black

Solubility in Water: Infinite

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25206	5 g	\$28.00
--------	-----	---------

S25206A	10 g	\$31.00
---------	------	---------

Bromphenol Blue Indicator Solution, 0.04%

Color: Dark Red-Purple

Solubility in Water: Infinite

0.0004

MODERATE HAZARD

REAGENT GRADE

S25848	100 mL	\$4.30
--------	--------	--------

1-ButanolN-Butyl Alcohol; CH₃(CH₂)₂CH₂OH

F.W. 74.12

CAS: 71-36-3

Color: Clear, colorless

Solubility in Water: Moderate

Shelf Life: 2 years

DOT Class 3, III: Flammable Liquid

FLAMMABLE

REAGENT GRADE

S25209	100 mL	\$11.50
--------	--------	---------

S25209A	500 mL	\$23.50
---------	--------	---------

S25209B	4 L	\$84.00
---------	-----	---------

tert-Butanol2-Methyl-2-Propanol; (CH₃)₃COH

F.W. 74.12

CAS: 75-65-0

Color: Clear, Colorless

Shelf Life: 2 years

DOT Class 3, II: Flammable Liquid

FLAMMABLE

LIQUID

S25210A	100 mL	\$12.75
---------	--------	---------

S25210B	500 mL	\$32.00
---------	--------	---------

Sec-Butyl Alcohol2-Butanol; CH₃CHOHCH₂CH₃

F.W. 74.12

CAS: 78-92-2

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 3, III: Flammable Liquid

FLAMMABLE

SOLUTION

S25662	100 mL	\$10.75
--------	--------	---------

S25662A	500 mL	\$20.50
---------	--------	---------

tert-Butyl Chloride(CH₃)₃CCl

F.W. 92.57

CAS: 507-20-0

Color: Clear, Colorless

Shelf Life: 5 years

DOT Class 2, III: Flammable Liquid

FLAMMABLE

LIQUID

S25672A	25 mL	\$31.25
---------	-------	---------

Butylated Hydroxy TolueneBHT; ((CH₃)₃C)C₆H₄OH

F.W. 220.35

CAS: 128-37-0

Color: White to semi-transparent

Solubility in Water: Insoluble in water

Shelf Life: 2 years

DOT Class 9, III: Miscellaneous

HEALTH HAZARD

GRANULES

S25212A	100 g	\$21.25
---------	-------	---------

S25212	500 g	\$36.00
--------	-------	---------

Butyric AcidN-Butanoic Acid; CH₃CH₂CH₂COOH

F.W. 88.11

CAS: 107-92-6

Color: Clear, colorless

Solubility in Water: Miscible with almost all common organics

Shelf Life: 5 years

DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE

S25211	100 mL	\$23.75
--------	--------	---------

S25211A	500 mL	\$49.75
---------	--------	---------

Cadmium Metal

Cd
F.W. 112.4
7440-43-9
Cadmium Metal
Density: 8.64g/mL at 25°C
Color: Silver White Granules
Solubility in Water: Insoluble
5 years

HEALTH HAZARD

SOLID		
S25213***	100 g	\$18.75

Cadmium Nitrate, Tetrahydrate

Cd(NO₃)₂·4H₂O
F.W. 308.49
CAS: 10022-68-1
Color: White
Solubility in Water: Soluble
Shelf Life: 5 years
DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

SOLID		
S25214A***	100 g	\$22.50

Caffeine

Alkaloid; C₈H₁₀N₄O₂
F.W. 194.19
CAS: 58-08-2
Color: White
Solubility in Water: Slightly soluble in water
Shelf Life: 2 years
DOT Class 6.1, III: Poison

HEALTH HAZARD

LAB GRADE		
S25215	25 g	\$14.75
S25215A	100 g	\$34.25

Calcium

Calcicat; Ca
F.W. 40.08
CAS: 7440-70-2
Color: Silver white
Solubility in Water: Reacts with water
Shelf Life: 2 years
DOT Class 4.3, II: Dangerous When Wet
Reacts with water or moisture

FLAMMABLE

REAGENT GRADE - GRANULAR		
S25216	25 g	\$20.25
S25216A	500 g	\$95.00
REAGENT GRADE - TURNINGS		
S25217	25 g	\$23.25
S25217A	100 g	\$29.25
S25217B	500 g	\$82.00

Calcium Acetate, Monohydrate

Calcium Ethanoate; Ca(C₂H₃O₂)₂·H₂O
F.W. 176.13
CAS: 5743-26-0
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25218	100 g	\$7.90
S25218A	500 g	\$17.25

Calcium Carbide

CaC₂
F.W. 64.08
CAS: 75-20-7
Color: Black-gray
Solubility in Water: Insoluble
Shelf Life: 1 year
DOT Class 4.3, II: Dangerous When Wet
Reacts with water or moisture

FLAMMABLE

LAB GRADE		
S25219	100 g	\$11.25
S25219A	500 g	\$23.75

Calcium Carbonate

CaCO₃
F.W. 100.09
CAS: 471-34-1
Color: White
Solubility in Water: Slightly
Shelf Life: 5 years

MODERATE HAZARD

NATURAL CHALK - SOLID		
S25220B	500 g	\$11.75
REAGENT GRADE - SOLID		
S25220	100 g	\$8.40
S25220A	500 g	\$15.00
S25220C	2.5 kg	\$27.75

Calcium Chloride, Anhydrous

Dowflake; CaCl₂
F.W. 110.99
CAS: 10043-52-4
Color: Beige
Solubility in Water: Soluble in water
Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25223	500 g	\$9.30
S25223A	2 kg	\$20.50

Calcium Chloride, Dihydrate

CaCl₂·2H₂O
F.W. 147.02
CAS: 10035-04-8
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE - FLAKES		
S25221	100 g	\$2.75
S25221A	500 g	\$11.25
LAB GRADE - POWDER		
S25222	100 g	\$9.85
REAGENT GRADE		
S25222A	500 g	\$26.75

Calcium Hydroxide

Slaked lime; Ca(OH)₂
F.W. 74.09
CAS: 1305-62-0
Color: Off-white
Solubility in Water: Slightly soluble
Shelf Life: 1 year
DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE		
S25225	500 g	\$11.00
S25225A	1.5 kg	\$22.25
REAGENT GRADE		
S25224	500 g	\$17.75

Calcium Nitrate, Tetrahydrate

Nitric Acid, Calcium Salt, Tetrahydrate;
Ca(NO₃)₂·4H₂O
F.W. 236.16
CAS: 13477-34-4
Color: White
Solubility in Water: Soluble
Shelf Life: 1 year
DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE		
S25226	100 g	\$11.00
S25226A	500 g	\$25.00

Calcium Oxide

Quicklime; CaO
F.W. 56.08
CAS: 1305-78-8
Color: White to yellow-very slightly beige
Solubility in Water: Reacts with water
Shelf Life: 12 months
DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE - POWDER		
S25227	100 g	\$7.90
S25227A	500 g	\$23.75

Calcium Phosphate Monobasic, Monohydrate

Ca(H₂PO₄)₂·H₂O
F.W. 252.07
CAS: 10031-30-8
Color: Colorless
Solubility in Water: Partially soluble
Shelf Life: 2 years

MODERATE HAZARD

SOLID		
S25228	100 g	\$12.50

Calcium Sulfate, Dihydrate

Calcium (II) Sulfate; CaSO₄·2H₂O
F.W. 172.17
CAS: 10101-41-4
Color: White
Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE - POWDER		
S25230	100 g	\$18.25
S25230A	500 g	\$32.75



Calcium Sulfate, HemihydratePlaster of Paris; CaSO₄·1/2H₂O

F.W. 145.15

CAS: 10034-76-1

Color: White with a blue, gray or red hue

Solubility in Water: 0.2% in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25231	500 g	\$7.55
S25231A	2.5 kg	\$22.50

CalmagiteC₁₇H₁₄N₂O₅S

F.W. 358.38

CAS: 3147-14-6

Color: Black

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8, III: Corrosive

CORROSIVE

SOLID		
S25674	5 g	\$36.50

Camphor2-Bornanone; C₁₀H₁₆O

F.W. 152.25

CAS: 76-22-2

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.1, III: Flammable Solid

FLAMMABLE

LAB GRADE		
S25232	25 g	\$9.20
REAGENT GRADE		
S25232A	100 g	\$20.25
S25232B	500 g	\$23.50

Carbol Fuchsin Solution, 0.3%

Ziehl-Neelsen

Color: Opaque Red

Solubility in Water: Completely soluble

Shelf Life: 18 months

DOT Class 3 (6.1), III: Flammable Liquid

FLAMMABLE

0.003		
S25233**	100 mL	\$13.25
S25233A**	500 mL	\$31.50

Carbonic Acid Solution, pH 5.7Simulated Acid Rain; H₂CO₃

Color: Clear, colorless

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25234	500 mL	\$15.75
S25234A	4 L	\$25.25

Carborundum

Silicon Carbide

F.W. 40.09

CAS: 409-21-2

Color: Colorless to black

Solubility in Water: Insoluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25235	100 g	\$5.25
S25235A	250 g	\$11.50

CarmineC₂₂H₂₀O₁₃

F.W. 184.14

1390-65-4

Carmine

Color: Rose/Red Solid

Solubility in Water: Slightly in hot water

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25236	10 g	\$41.75

Carnoy's Solution

Carnoy-Lebrun Solution (Fixative)

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 3 (6.1), III: Flammable Liquid

FLAMMABLE

10% W/W		
S25237	100 mL	\$18.50

Casein

Milk Protein

CAS: 9000-71-9

Color: White

Solubility in Water: Slightly soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID		
S25238	100 g	\$16.00

Catalase (20,000 Units per Gram)

Caperase

CAS: 9001-05-2

Color: White to tan

Shelf Life: 1 year

MODERATE HAZARD

POWDER		
S25239	40mg	\$11.50
S25239A	1 g	\$45.00

Cellulase

Cellulase Enzyme

CAS: 9012-54-8

Color: Light tan

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25241	25 g	\$51.75

Cellulose

Cellulose, Microcrystalline

F.W. 162.14

CAS: 9004-34-6

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25241A	500 g	\$61.25

Cereal Grass Medium

For cultivation of protozoa. Contains dehydrated cereal grass leaves with natural vitamins A, B, C, & K.

DOT: Non-regulated

MODERATE HAZARD

POWDER		
S25242	100 g	\$21.75
S25242A	500 g	\$28.00

Cetyl Alcohol1-Hexadecanol; CH₃(CH₂)₁₄CH₂OH

F.W. 242.43

CAS: 36653-82-4

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25675	100 g	\$17.25
S25675A	500 g	\$41.75

Charcoal

Activated Carbon; C

F.W. 12.01

CAS: 7440-44-0

Color: Black

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.2, III: Spontaneously Combustible

FLAMMABLE

ACTIVATED CHARCOAL		
S25246	500 g	\$36.00
BONE POWDER		
S25243	500 g	\$36.75
DECOLORIZING AGENT		
S25245	250 g	\$33.00
CHARCOAL POWDER		
S25244	500 g	\$37.25

Chlorine Water

Chlorine Test Solution

Color: Pale yellow

Solubility in Water: Soluble in water

Shelf Life: 6 months

DOT Class 8, III: Corrosive

CORROSIVE

SOLUTION		
S25247	1 L	\$15.50

ChloroformTrichloromethane; CHCl₃

F.W. 119.38

CAS: 67-66-3

Color: Clear

Solubility in Water: Slightly soluble

Shelf Life: 2 years

DOT Class 6.1, III: *Poison***REAGENT GRADE**

S25248***	100 mL	\$15.75
-----------	--------	---------

HEALTH HAZARD**Cholesterol**(3β)-Choles-5En-3-Ol; C₂₇H₄₆O

F.W. 385.31

CAS: 57-88-5

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

SOLID

S25677	25 g	\$47.50
--------	------	---------

MODERATE HAZARD**Chromatography Solvent**

Petroleum Ether

Color: Clear

Solubility in Water: Insoluble

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid***LIQUID**

S25253	500 mL	\$21.25
--------	--------	---------

FLAMMABLE**Chromium**

Chrome; Cr

F.W. 52.00

CAS: 7440-47-3

Color: Silver-gray

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25249A	100 g	\$22.25
---------	-------	---------

MODERATE HAZARD**Chromium (II) Potassium Sulfate**

Chrom Alum Dodecahydrate;

CrK(SO₄)₂·12H₂O

F.W. 499.43

CAS: 7788-99-0

Color: Metallic purple

Solubility in Water: Soluble

Shelf Life: 2 years

LAB GRADE

S25252	100 g	\$27.25
--------	-------	---------

REAGENT GRADE

S25252A	500 g	\$22.00
---------	-------	---------

MODERATE HAZARD**Chromium (III) Oxide**Chromic Oxide; Cr₂O₃

F.W. 151.99

CAS: 1308-38-9

Color: Green

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25251	100 g	\$22.50
--------	-------	---------

MODERATE HAZARD**Chromium Nitrate, Nonahydrate**

Chromic Nitrate Nonahydrate;

Cr(NO₃)₃·9H₂O

F.W. 400.18

CAS: 7789-02-8

Color: Purple

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, III: *Oxidizer***REAGENT GRADE**

S25250	100 g	\$23.50
--------	-------	---------

S25250A	500 g	\$57.50
---------	-------	---------

REACTIVE & OXIDIZING**Citric Acid, Anhydrous**β-Hydroxytricarboxylic Acid; C₆H₈O₇

F.W. 192.13

CAS: 77-92-9

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

LAB GRADE

S25255	100 g	\$11.00
--------	-------	---------

S25255A	500 g	\$21.00
---------	-------	---------

MODERATE HAZARD**Citric Acid, Monohydrate**

2-Hydroxy-1,2,3-Propanetricarboxylic

Acid Monohydrate; C₆H₈O₇·H₂O

F.W. 210.15

CAS: 5949-29-1

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

SOLID

S25254	100 g	\$10.25
--------	-------	---------

S25254A	500 g	\$31.25
---------	-------	---------

MODERATE HAZARD**Cobalt Nitrate Solution, 0.1M**

Color: Pink

Solubility in Water: Soluble in water

0.1M

SOLID

S25852	500 mL	\$8.15
--------	--------	--------

MODERATE HAZARD**Cobalt Nitrate Solution, 1M**

Color: Clear pink

Solubility in Water: Soluble

Shelf Life: 2 years

1M

S25259	50 mL	\$12.50
--------	-------	---------

MODERATE HAZARD**Cobalt Oxide**Cobalt (II, III) Oxide; Co₃O₄

F.W. 240.80

CAS: 1308-06-1

Color: Gray/black

Solubility in Water: Insoluble

Shelf Life: 5 years

POWDER

S25258	100 g	\$22.50
--------	-------	---------

MODERATE HAZARD**Cobalt(ous) Chloride, Hexahydrate**Cobalt(II) Chloride Hexahydrate; CoCl₂· 6H₂O

F.W. 237.95

CAS: 7791-13-1

Color: Purple

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8, III: *Corrosive***LAB GRADE**

S25257	100 g	\$22.25
--------	-------	---------

S25257A	100 g	\$23.00
---------	-------	---------

CORROSIVE**Cobalt(ous) Chloride, Hexahydrate Solution, 0.1M**

Color: Clear, pink-purple

Solubility in Water: Soluble in water

Shelf Life: 2 years

0.1M

S25851	500 mL	\$6.65
--------	--------	--------

MODERATE HAZARD**Cobalt(ous) Chloride, Hexahydrate Solution, 1M**

Color: Clear, pink-purple

Solubility in Water: Soluble in water

Shelf Life: 2 years

1M

S25260	500 mL	\$23.00
--------	--------	---------

MODERATE HAZARD**Cobalt(ous) Nitrate, Hexahydrate**Cobalt(II) Nitrate Hexahydrate; Co(NO₃)₂· 6H₂O

F.W. 291.05

CAS: 10026-22-9

Color: Red

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, II: *Oxidizer***LAB GRADE**

S25261A	100 g	\$33.75
---------	-------	---------

S25261B	500 g	\$71.75
---------	-------	---------

REACTIVE & OXIDIZING**Coconut Oil**

Copra Oil

CAS: 8001-31-8

Color: White to pale yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25263	500 g	\$16.25
--------	-------	---------

MODERATE HAZARD**Congo Red, 0.1% Aqueous Solution**

Color: Clear, red

Solubility in Water: Soluble

Shelf Life: 2 years

0.001

S25265	100 mL	\$8.40
--------	--------	--------

MODERATE HAZARD

Congo Red, Biological Stain, pH IndicatorC.I. Direct Red 28; $C_{32}H_{22}N_6Na_2O_6S_2$

F.W. 696.67

CAS: 573-58-0

Color: Red-brown

Solubility in Water: Complete

Shelf Life: 5 years

DOT Class 4.1, III: *Flammable*

FLAMMABLE

SOLID

S25264	25 g	\$23.75
--------	------	---------

Copper (I) Chloride, AnhydrousCupric Chloride, Anhydrous; $CuCl_2$

F.W. 99

CAS: 7758-89-6

Density: 4.14g/mL

Color: Gray to Green

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8, III: *Corrosive*

CORROSIVE

LAB GRADE - POWDER

S25290	100 g	\$21.00
--------	-------	---------

Copper (II) Acetate, Monohydrate

Cupric Acetate Monohydrate;

 $(CH_3CO_2)_2Cu \cdot H_2O$

F.W. 199.65

CAS: 6046-93-1

Color: Blue-green

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 9, III: *Miscellaneous*

HEALTH HAZARD

LAB GRADE

S25276	100 g	\$29.50
S25276A	500 g	\$57.50

Copper (II) BromideCupric Bromide; $CuBr_2$

F.W. 223.37

CAS: 7789-45-9

Color: Gray/blue

Solubility in Water: Soluble

Shelf Life: 12 months

MODERATE HAZARD

REAGENT GRADE

S25277A	100 g	\$35.50
---------	-------	---------

Copper (II) CarbonateCupric Carbonate Basic; $CuCO_3 \cdot Cu(OH)_2$

F.W. 221.11

CAS: 12069-69-1

Color: Dark green

Solubility in Water: Insoluble in water

Shelf Life: 5 years

MODERATE HAZARD

POWDER

S25278	500 g	\$40.50
--------	-------	---------

Copper (II) Chloride Solution, 1M

Cupric Chloride

Color: Light blue-green

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

1M

S25280	50 mL	\$10.25
S25280A	500 mL	\$41.75

Copper (II) Chloride, AnhydrousCupric Chloride, Anhydrous; $CuCl_2$

F.W. 134.45

CAS: 7447-39-4

Color: Yellow/brown

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, III: *Corrosive*

CORROSIVE

LAB GRADE

S25281	100 g	\$30.75
--------	-------	---------

Copper (II) Chloride, DihydrateCupric Chloride, Dihydrate; $CuCl_2 \cdot 2H_2O$

F.W. 170.48

CAS: 10125-13-0

Color: Blue-green

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, III: *Corrosive*

CORROSIVE

LAB GRADE

S25279B	500 g	\$27.50
S25279C	2 kg	\$100.00

REAGENT GRADE

S25279	100 g	\$17.50
S25279A	500 g	\$50.75

Copper (II) Nitrate Solution, 1M

Cupric Nitrate Solution

Color: Blue

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

1M

S25283	500 mL	\$17.50
--------	--------	---------

Copper (II) Nitrate, TrihydrateCupric Nitrate Trihydrate; $Cu(NO_3)_2 \cdot 3H_2O$

F.W. 241.60

CAS: 10031-43-3

Color: Blue

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, II: *Oxidizer*

REACTIVE & OXIDIZING

LAB GRADE

S25282B	500 g	\$47.75
---------	-------	---------

REAGENT GRADE

S25282	100 g	\$19.00
S25282A	500 g	\$52.00

Copper (II) OxideCupric Oxide; CuO

F.W. 79.54

CAS: 1317-38-0

Color: Black

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25284	25 g	\$11.25
--------	------	---------

Copper (II) Sulfate Solutions

Color: Blue

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD

0.1M

S25853	500 mL	\$6.20
--------	--------	--------

1M

S25289	500 mL	\$11.75
--------	--------	---------

Copper (II) Sulfate, Pentahydrate, Lab GradeCupric Sulfate; $CuSO_4 \cdot 5H_2O$

F.W. 249.68

CAS: 7758-99-8

Color: Blue

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

LAB GRADE - CRYSTALS

S25287A	500 g	\$26.25
---------	-------	---------

LAB GRADE - POWDER

S25288A	500 g	\$16.50
S25288	2 kg	\$45.50

Copper (II) Sulfate, Pentahydrate, Reagent GradeCupric Sulfate; $CuSO_4 \cdot 5H_2O$

F.W. 249.68

CAS: 7758-99-8

Color: Blue

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE - CRYSTALS

S25287	500 g	\$28.00
S25287B	1 kg	\$70.00

REAGENT GRADE - POWDER

S25286	100 g	\$25.50
S25286A	500 g	\$64.75
S25286B	3 kg	\$85.00

Copper Sulfate, AnhydrousCupric Sulfate; $CuSO_4$

F.W. 159.61

CAS: 7758-98-7

Color: Light gray

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE - POWDER

S25285	100 g	\$34.00
S25285A	500 g	\$57.25

Copper, Foil

Cu
F.W. 63.54
CAS: 7440-50-8
Color: Red to brown
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

METAL FOIL

S25267	100 g	\$17.50
S25267A	500 g	\$66.25

Copper, Sheet

Cu
F.W. 63.54
CAS: 7440-50-8
Color: Red to brown
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

METAL SHEET - 12 X 12"

S25269	Ea.	\$106.00
--------	-----	----------

Copper, Solid

Cu
F.W. 63.54
CAS: 7440-50-8
Color: Red to brown
Solubility in Water: Insoluble
Shelf Life: 5 years
DOT Class 4.1, II: *Flammable Solid*

FLAMMABLE

GRANULAR

S25268	100 g	\$21.50
S25268A	500 g	\$91.00

REAGENT GRADE POWDER

S25266A	500 g	\$68.75
---------	-------	---------

SHOT

S25909	500 g	\$55.50
--------	-------	---------

Copper, Strips

Cu
F.W. 63.55
CAS: 7440-50-8
Copper Sulfate
Density: 8.94
Boiling Point: 2595°C (1981.4°F)
Melting Point: 1083°C (4703°F)

FLAMMABLE

STRIPS

S25911	6 x 1/4 in.	\$21.00
--------	-------------	---------

Copper, Turnings

Cu
F.W. 63.54
CAS: 7440-50-8
Color: Red to brown
Solubility in Water: Insoluble
Shelf Life: 5 years
DOT Class 4.1, II: *Flammable*

FLAMMABLE

METAL TURNINGS

S25270	100 g	\$22.00
--------	-------	---------

Corn Oil

CAS: 8001-30-7
Color: Yellow
Solubility in Water: Insoluble
Shelf Life: 5 years

MODERATE HAZARD

SOLUTION

S25271	500 mL	\$11.75
--------	--------	---------

Corn Syrup

Glucose Solution
CAS: 50-99-7
Color: Clear
Solubility in Water: Soluble in water
Shelf Life: 5 years

MODERATE HAZARD

LIQUID

S25339	500 mL	\$13.75
--------	--------	---------

Cresol Red Solution, 0.02%

Color: Clear, red
Solubility in Water: Infinite
Shelf Life: 18 months

MODERATE HAZARD

0.0002

S25273	100 mL	\$11.00
--------	--------	---------

Cresol Red, Sodium Salt

O-Cresolsulfonephthalein
F.W. 404.4
CAS: 62625-29-0
Color: Reddish-brown
Solubility in Water: Soluble
Shelf Life: 5 years

MODERATE HAZARD

POWDER

S25272	1 g	\$11.75
--------	-----	---------

Crystal Violet Solutions

Gentian Violet
Color: Violet
Solubility in Water: Soluble in water
Shelf Life: 18 months

MODERATE HAZARD

0.5% - GRAM STAIN

S25275B	500 mL	\$31.50
---------	--------	---------

0.01

S25275A	100 mL	\$11.50
---------	--------	---------

1% - GRAM STAIN

S25275	100 mL	\$24.00
--------	--------	---------

Crystal Violet, Certified Biological Stain

MODERATE HAZARD

Gentian Violet; C₂₅H₃₀ClN₃
F.W. 408.00
CAS: 548-62-9
Color: Green
Solubility in Water: Soluble in water
Shelf Life: 5 years

SOLID

S25274	1 g	\$4.20
S25274A	10 g	\$18.00
S25274B	25 g	\$16.00

Cyclohexane

Hexahydrobenzene; C₆H₁₂
F.W. 84.15
CAS: 110-82-7
Color: Clear
Solubility in Water: Insoluble in water
Shelf Life: 5 years
DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

REAGENT GRADE

S25292	500 mL	\$17.00
S25292A	1 L	\$57.75

Cyclohexene

C₆H₁₀
F.W. 82.13
CAS: 110-83-8
Color: Clear, colorless
Solubility in Water: Insoluble
Shelf Life: 2 years
DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

SOLUTION

S25291	250 mL	\$54.75
S25291A	500 mL	\$67.75

L-Cysteine

Thioserine; Cysteine; HSCH₂CH(NH₂)CO₂H
F.W. 121.16
CAS: 52-90-4
Color: White
Solubility in Water: Soluble in water
Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25682	5 g	\$25.25
--------	-----	---------

Deoxyribonucleic Acid

DNA
CAS: 9007-49-2
Color: White to off-white
Solubility in Water: Soluble
Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25294	25 g	\$81.00
--------	------	---------

Dextrin

Vegetable Gum; (C₆H₁₀O₅)_n
F.W. 162.07
CAS: 9004-53-9
Color: White to off-white
Solubility in Water: Soluble in hot water
Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25683	500 g	\$14.50
--------	-------	---------



Dextrose, AnhydrousGlucose; C₆H₁₂O₆

F.W. 180.16

CAS: 50-99-7

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25295	100 g	\$9.35
S25295A	500 g	\$21.75
S25295B	1 kg	\$24.50

Dextrose, MonohydrateGlucose; C₆H₁₂O₆·H₂O

F.W. 198.18

CAS: 14431-43-7

Color: White

Solubility in Water: soluble

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25296	500 g	\$13.25
---------------	-------	---------

Diatase of Malt

Maltin

CAS: 9000-92-4

Color: Yellow-white

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25297	25 g	\$14.50
S25297A	100 g	\$36.25

Diatomaceous Earth

Silica

CAS: 68855-549

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25298	500 g	\$21.25
---------------	-------	---------

p-Dichlorobenzene1,4-Dichlorobenzol; C₆H₄Cl₂

F.W. 147.00

CAS: 106-46-7

Color: White

Solubility in Water: Insoluble

Shelf Life: 2 years

DOT Class 9, III: *Miscellaneous*

HEALTH HAZARD

LAB GRADE

S25299*	500 g	\$18.50
S25299A*	1 kg	\$50.00
S25299C*	2.5 kg	\$62.25
S25299B*	3 kg	\$102.00

2,6-Dichloroindophenol Sodium Salt

2,6-Dichlorophenol Indophenol Sodium

Salt; NaOC₆H₃(N-C₆H₂(Cl₂))-O

F.W. 290.08

CAS: 620-45-1

Color: Dark Green

Solubility in Water: Partially soluble

Shelf Life: 2 years

MODERATE HAZARD

POWDER

S25300B	0.036 g	\$8.95
S25300	1 g	\$16.00
S25300A	5 g	\$43.50

Dimethylglyoxime

2, 3-Butanedione Dioxime;

(CH₃)₂C₂(NOH)₂

F.W. 116.12

CAS: 95-45-4

Color: White to off-white

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.1, III: *Flammable Solid*

FLAMMABLE

REAGENT GRADE

S25301	25 g	\$24.25
---------------	------	---------

Diphenylamine(C₆H₅)₂NH

F.W. 169.23

CAS: 122-39-4

Color: Colorless to gray

Shelf Life: 5 years

DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE

S25302	100 g	\$38.25
---------------	-------	---------

DithizoneDiphenylthiocarbazon; C₁₃H₁₂N₄S

F.W. 256.32

CAS: 60-10-6

Color: Dark Brownish-black

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25685	2.5 g	\$36.75
---------------	-------	---------

Dodecyl AlcoholLauryl Alcohol; CH₃(CH₂)₁₁OH

F.W. 186.34

CAS: 112-53-8

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 9, III: *Miscellaneous*

HEALTH HAZARD

SOLID

S25686A	100 g	\$36.25
----------------	-------	---------

Drierite™

Calcium Sulfate

F.W. 136.14

CAS: 7778-18-9

Color: Non-indicating off-white

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25684	454 g	\$27.75
---------------	-------	---------

EDTA, Disodium Salt

Ethylenediaminetetraacetic

Acid, Disodium Salt Dihydrate;

C₁₀H₁₄N₂Na₂O₈·2H₂O

F.W. 372.23

CAS: 6381-92-6

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25687	25 g	\$18.50
S25687A	100 g	\$46.75

Electrode Storage Solution

CAS: 877-24-7

Color: Colorless

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25907	1 L	\$40.50
---------------	-----	---------

Eosin Yellow, 1% Alcohol Solution

CAS: 17372-87-1

Color: Orange

Solubility in Water: Infinite

Shelf Life: 18 months

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.01

S25303	100 mL	\$10.75
---------------	--------	---------

Ethyl AcetateAcetic Acid Ethyl Ester; CH₃COOC₂H₅

F.W. 88.11

CAS: 141-78-6

Color: Clear, colorless

Solubility in Water: Slightly soluble

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

ACS GRADE

S25305	500 mL	\$17.25
---------------	--------	---------

Ethyl AlcoholEthanol; C₂H₅OH

F.W. 46.07

CAS: 64-17-5

Color: Clear, colorless

Solubility in Water: Slightly soluble

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid***70% DENATURED W/MIBK**

S25306	500 mL	\$11.00
S25306A	4 L	\$34.25

95% DENATURED W/IPA AND METHANOL

S25309D	500 mL	\$10.00
S25309E	4 L	\$91.00

95% DENATURED W/MIBK

S25310	500 mL	\$15.25
S25310A	3.8 L	\$57.75

ANHYDROUS, DENATURED W/MIBK

S25307	500 mL	\$10.00
S25307A	1 L	\$23.25
S25307B	4 L	\$50.25

ANHYDROUS, DENATURED, W/IPA AND METHANOL

S25308**	1 L	\$29.75
S25308A**	20 L	\$180.00

LAB GRADE - 95% DENATURED W/IPA AND METHANOL

S25309	500 mL	\$9.45
S25309C	1 L	\$17.50

LAB GRADE - 95% DENATURED W/IPA AND METHANOL; SAFECOTE

S25309A	3.8 L	\$99.00
S25309B	4 L	\$40.25

FLAMMABLE**Ethyl Ether, Anhydrous**(C₂H₅)₂O

F.W. 74.12

CAS: 60-29-7

Color: Clear

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 3, I: *Flammable***ACS GRADE**

S25903	4 L	\$158.00
S25903L	1 L	\$64.25

FLAMMABLE**Ethylene Glycol**Glycol; C₂H₆O₂

F.W. 62.06

CAS: 107-21-1

Color: Clear, colorless

Shelf Life: 2 years

DOT Class 3, I: *Flammable***LAB GRADE**

S25905**	4 L	\$122.00
----------	-----	----------

FLAMMABLE**Ethylenediamine**1, 2-Diaminoethane; H₂NCH₂CH₂NH₂

F.W. 60.10

CAS: 107-15-3

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8 (3), II: *Corrosive***LAB GRADE - SOLUTION**

S25312	100 mL	\$28.50
--------	--------	---------

CORROSIVE**Ethylenediamine Tetracetic Acid**EDTA; C₁₀H₁₆N₂O₈

F.W. 292.25

CAS: 60-00-4

Color: Colorless to White

Solubility in Water: Slightly soluble

Shelf Life: 5 years

REAGENT GRADE

S25311A	25 g	\$17.50
S25311B	100 g	\$22.50
S25311	500 g	\$70.75

MODERATE HAZARD**FAA Solution**

Formalin-Acetic Acid Alcohol

Color: Clear

Solubility in Water: Miscible

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid***SOLUTION**

S25688*	500 mL	\$13.50
---------	--------	---------

FLAMMABLE**Fast Green FCF**

Food Green

CAS: 2353-45-9

Color: Maroon to Dark Brown

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID

S25691	1 g	\$14.50
--------	-----	---------

MODERATE HAZARD**Fast Green Solution, 1%**

Color: Dark Green

Solubility in Water: Soluble

Shelf Life: 18 months

0.01

S25692	20 mL	\$18.00
--------	-------	---------

MODERATE HAZARD**Fehling's Solution, A**

Color: Clear, blue

Solubility in Water: Infinite

Shelf Life: 2 years

SOLUTION

S25313	500 mL	\$8.80
--------	--------	--------

MODERATE HAZARD**Fehling's Solution, B**

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: *Corrosive***SOLUTION**

S25314	500 mL	\$16.75
--------	--------	---------

CORROSIVE**Ferric Ammonium Citrate**

Iron (III) Ammonium Citrate

CAS: 1185-57-5

Color: Yellow, green, or red-brown

Solubility in Water: Freely soluble

Shelf Life: 1 year

SOLID

S25315	500 g	\$31.75
--------	-------	---------

MODERATE HAZARD**Ferric Ammonium Sulfate, Dodecahydrate**

Ammonium Iron (III) Sulfate;

FeNH₄(SO₄)₂·12H₂O

F.W. 482.19

CAS: 7783-83-7

Color: Purple

Solubility in Water: Soluble in water

Shelf Life: 1 year

SOLID

S25316	100 g	\$14.75
S25316A	500 g	\$39.75

MODERATE HAZARD**Ferric Chloride Hexahydrate**Iron (III) Chloride; FeCl₃·6H₂O

F.W. 270.30

CAS: 10025-77-1

Color: Dark yellow/brown

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, III: *Corrosive***REAGENT GRADE - SOLID**

S25317	100 g	\$15.50
S25317A	500 g	\$37.50

SOLUTION - 1M

S25318	500 mL	\$18.75
--------	--------	---------

CORROSIVE**Ferric Nitrate Solution, 1M**

Iron (III) Nitrate Solution

Color: Pale green

Solubility in Water: Soluble

Shelf Life: 1 year

REAGENT GRADE

S25320	500 mL	\$20.75
--------	--------	---------

MODERATE HAZARD**Ferric Nitrate, Nonahydrate**Iron (III) Nitrate; Fe(NO₃)₃·9H₂O

F.W. 404.00

CAS: 7782-61-8

Color: White to gray or light purple

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1, III: *Oxidizer***REAGENT GRADE**

S25319	100 g	\$27.50
S25319A	500 g	\$52.75

REACTIVE & OXIDIZING**Ferric Sulfate, Hydrated**

Iron Persulfate

CAS: 10028-22-5

Color: Yellow-gray

Solubility in Water: Soluble in water

Shelf Life: 1 year

REAGENT GRADE

S25322	100 g	\$14.50
S25322A	500 g	\$113.00

MODERATE HAZARD

Ferric(ous) Oxide, Black

Black Iron Oxide; Fe₃O₄

F.W. 231.54

CAS: 1317-61-9

Color: Black

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25321	500 g	\$36.00

Ferrous Ammonium Sulfate Solution, 0.1M

Color: Clear

Solubility in Water: Miscible in water

MODERATE HAZARD

0.1M		
S25854*	500 mL	\$17.00

Ferrous Ammonium Sulfate, Hexahydrate

Ammonium Iron (II) Sulfate;

Fe(NH₄)₂(SO₄)₂·6H₂O

F.W. 392.13

CAS: 7783-85-9

Color: Light Green

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE - CRYSTALS		
S25323	100 g	\$15.50
S25323A	500 g	\$41.75

Ferrous Chloride, Tetrahydrate

Iron (II) Chloride Tetrahydrate; FeCl₂·4H₂O

F.W. 198.81

CAS: 13478-10-9

Color: Light Green

Solubility in Water: Soluble in alcohol

Shelf Life: 1 year

DOT Class 8, III: Corrosive

CORROSIVE

REAGENT GRADE		
S25324	25 g	\$18.25
S25324A	100 g	\$29.75
S25324B	500 g	\$91.00

Ferrous Sulfate, Heptahydrate

Iron (II) Sulfate; FeSO₄·7H₂O

F.W. 278.01

CAS: 7782-63-0

Color: Blue-green

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25325	100 g	\$16.25
S25325A	500 g	\$35.25

Ferrous Sulfate, Heptahydrate, Solution, 1M

Color: Blue to green

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

1M		
S25326*	500 mL	\$15.75

Ferrous Sulfide

Iron (II) Sulfide; FeS

F.W. 87.91

CAS: 1317-37-9

Color: Gray to brown-black

Solubility in Water: Insoluble in water

Shelf Life: Two years

MODERATE HAZARD

SOLID		
S25327	500 g	\$63.75

Fluorescein, Disodium Salt

Uranin; C₂₀H₁₀O₅Na₂

CAS: 518-47-8

Color: Rust/Orange

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25328	25 g	\$17.50
S25328A	100 g	\$30.00

Formaldehyde Solution, 37%

Formalin; HCHO

CAS: 50-00-0

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 3 (8), III: Flammable, Corrosive

FLAMMABLE

LAB GRADE - 37%		
S25329*	500 mL	\$21.00

Formalin Solution, 10%

4% Formaldehyde; HCHO

CAS: 50-00-0

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 9, III: Miscellaneous

HEALTH HAZARD

10% W/W		
S25689*	1 L	\$27.00
S25330*	4 L	\$80.00

Formic Acid, 88%

Methanoic Acid; HCOOH

F.W. 46.03

CAS: 64-18-6

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8 (3), II: Corrosive

FLAMMABLE

REAGENT GRADE		
S25331	100 mL	\$23.00
S25331A	500 mL	\$33.50

D-Fructose

Fruit Sugar; C₆H₁₂O₆

F.W. 180.16

CAS: 57-48-7

Color: White

Solubility in Water: Freely soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25332	100 g	\$28.00
S25332A	500 g	\$28.50

Fuchsin Acid

Acid Fuchsin; C₂₀H₁₇N₃Na₂O₉S₃

F.W. 585.54

CAS: 3244-88-0

Color: Green

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25690	5 g	\$22.50

Fuchsin Acid Staining Solution, 1%

Color: Red

Solubility in Water: Soluble

Shelf Life: 18 months

MODERATE HAZARD

0.01		
S25694	20 mL	\$10.50

Fumaric Acid

Trans-Butenedioic Acid; C₄H₄O₄

F.W. 116.07

CAS: 110-17-8

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25333A	500 g	\$18.50

D-Galactose

D-Galactopyranose; C₆H₁₂O₆

F.W. 180.09

CAS: 59-23-4

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25334	100 g	\$50.75

Gastric Juice

Color: Yellowish

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

SOLUTION		
S25695A	500 mL	\$16.75

Gelatin

Pharmagel

CAS: 9000-70-8

Color: White/Pale-yellow

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25335	500 g	\$27.25

Glucose Solution, 0.1%

Glucose Solution

Shelf Life: 2 years

MODERATE HAZARD

0.001		
S25336	50 mL	\$12.00
S25337	500 mL	\$62.75

Glucose Solution, 15%

Glucose Solution
Shelf Life: 2 years

MODERATE HAZARD

0.15
S25338 250 mL \$6.65

D-Glucose-1-Phosphate, Disodium Salt

α -D-Glucopyranose 1-Phosphate;
 $C_6H_{11}Na_2O_9P \cdot 4H_2O$
F.W. 376.16

CAS: 56401-20-8

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

SOLID
S25340 1 g \$36.00

Glue, White Liquid

Color: White

SOLID
S25700 1 L \$9.50

Glutaraldehyde Solution, 25%

Color: Clear, colorless to pale yellow

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 6.1(8), II: *Poison*

HEALTH HAZARD

0.25
S25341 1 L \$66.50

GlutathioneGlutinal: $C_{10}H_{17}N_3O_6S$

F.W. 307.30

CAS: 70-18-8

Color: White

Solubility in Water: Soluble in water

Shelf Life: 2 years

SOLID
S25699 1 g \$35.00

MODERATE HAZARD

GlycerinGlycerol; $C_3H_5(OH)_3$

F.W. 92.1

CAS: 56-81-5

Color: Clear

Solubility in Water: Miscible in water

Shelf Life: 5 years

ACS GRADE - LIQUID
S25342A 500 mL \$12.50
S25342D 4 L \$47.50

LAB GRADE - LIQUID
S25342 50 mL \$13.25
S25342B 1 L \$30.50
S25342C 4 L \$110.00

MODERATE HAZARD

GlycineAminoacetic Acid; NH_2CH_2COOH

F.W. 75.05

CAS: 56-40-6

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID
S25696 100 g \$21.00
S25696A 500 g \$46.75

MODERATE HAZARD

GlycogenAnimal Starch; $(C_6H_{10}O_5)_n$

F.W. 176.15

CAS: 9005-79-2

Color: White

Shelf Life: 5 years

POWDER
S25343 5 g \$112.00

MODERATE HAZARD

Graphite

Black Lead; C

F.W. 12.00

CAS: 7782-42-5

Color: Green, blue, steel gray or black

Solubility in Water: Insoluble in water

Shelf Life: 5 years

SOLID
S25345 500 g \$25.75

MODERATE HAZARD

Guar Gum

Animal Starch

CAS: 9000-30-0

Color: Yellowish-white

Solubility in Water: Soluble

Shelf Life: 5 years

SOLID
S25346 100 g \$12.50
S25346A 500 g \$31.25

MODERATE HAZARD

HematoxylinHematoxiline; $C_{16}H_{14}O_6$

F.W. 302.27

CAS: 517-28-2

Color: White to Yellow

Solubility in Water: Soluble in hot water

Shelf Life: 2 years

SOLID
S25347 25 g \$41.50

MODERATE HAZARD

HeptaneN-Heptane; C_7H_{16}

F.W. 100.21

CAS: 142-82-5

Color: Clear, Colorless

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid*

SOLUTION
S25348 500 mL \$30.75

FLAMMABLE

1,6-Hexamethyldiamine1, 6-Diaminohexane; $H_2N(CH_2)_6NH_2$

F.W. 116.20

CAS: 124-09-4

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 8, III: *Corrosive*

SOLID
S25350 100 g \$27.00

CORROSIVE

1,6-Hexamethyldiamine, 0.5M Solution

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 8, II: *Corrosive*

0.5M
S25349 250 mL \$71.00

CORROSIVE

Hexanes C_6H_{14}

F.W. 86.18

CAS: 110-54-3

Color: Clear, colorless

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid*

ACS GRADE
S25352A 4 L \$72.25

LAB GRADE
S25352 1 L \$52.25

REAGENT GRADE
S25351 500 mL \$15.75

FLAMMABLE

Hexyl Alcohol1-Hexanol; $CH_3(CH_2)_4CH_2OH$

F.W. 102.18

CAS: 111-27-3

Color: Clear

Solubility in Water: Slightly soluble in water

Shelf Life: 5 years

DOT Class 3, III: *Flammable Liquid*

SOLUTION
S25701A 500 mL \$66.75

FLAMMABLE

Hydrochloric Acid Solution

F.W. 36.46

7647-01-0, 7732-18-5

Hydrochloric Acid Solution

Density: 1.000

Color: Undesignated

Solubility in Water: Soluble in water

DOT Class 8, II, : *Corrosive*

0.25M
S25855 500 mL \$8.45

CORROSIVE



Hydrochloric Acid Solution, 1.0N

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, III: *Corrosive***CORROSIVE**

1N		
S25356	500 mL	\$10.25
S25356A	1 L	\$16.25
S25908	4 L	\$52.00

Hydrochloric Acid Solutions

F.W. 36.46

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, III: *Corrosive***CORROSIVE**

0.1M (0.1N)		
S25354	500 mL	\$9.65

Hydrochloric Acid Solutions, Various

Color: Clear

Solubility in Water: Soluble in water

DOT Class 8, III: *Corrosive***CORROSIVE**

3M		
S25856	500 mL	\$13.25
6M		
S25857	500 mL	\$12.75
8% V/V		
S25355	3 mL	\$2.25

Hydrochloric Acid, ACS, 12M

Hydrogen Chloride; HCl

F.W. 36.46

CAS: 7647-01-0

Shelf Life: 2 years

Solubility in Water: Infinite

DOT Class 8, II: *Corrosive***CORROSIVE**

ACS GRADE		
S25838	2.5 L	\$41.25
ACS GRADE - SAFECOTE		
S25358	500 mL	\$23.25
S25838A	2.5 L	\$69.25

Hydrogen PeroxideHydrogen Dioxide; H₂O₂

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE - 3% SOLUTION		
S25359	500 mL	\$6.90
S25359A	3.785 L	\$24.25
LAB GRADE - 6% SOLUTION		
S25361A	500 mL	\$12.50
LAB GRADE - 6% SOLUTION - STABILIZED		
S25361	500 mL	\$19.75

Hydrogen Peroxide, 30% SolutionHydrogen Dioxide; H₂O₂

F.W. 34.01

CAS: 7722-84-1

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 5.1 (8), II: *Oxidizer***REACTIVE & OXIDIZING**

0.3		
S25360	500 mL	\$47.50

Hydroquinone Crystals1,4-Benzenediol; C₆H₄1,4-(OH)₂

F.W. 110.11

CAS: 123-31-9

Color: White to off-white

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 9, III: *Miscellaneous***HEALTH HAZARD**

LAB GRADE		
S25362	500 g	\$35.75

Indigo Carmine

Carmine Blue (Biological Stain);

C₁₆H₈N₂Na₂O₆S₂

F.W. 466.36

CAS: 860-22-0

Color: Dark blue

Solubility in Water: Slightly soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25364	5 g	\$11.50

Invertase

Yeast Enzyme

CAS: 9001-57-4

Color: White to tan

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25365	10 g	\$21.50

Iron Filings

Iron Powder; Fe

F.W. 55.85

CAS: 7439-89-6

Color: Black to gray

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 4.1, II: *Flammable Solid***FLAMMABLE**

FINE		
S25369	100 g	\$9.10
S25369A	500 g	\$12.25
LAB GRADE - FINE		
S25369B	500 g	\$11.25

Iron Metal Powder

Iron Dust; Fe

F.W. 55.85

CAS: 7439-89-6

Color: Black to gray

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 4.1, II: *Flammable Solid***FLAMMABLE**

POWDER		
S25370	100 g	\$12.75
S25370A	500 g	\$11.50
S25370B	2.5 kg	\$31.50

Isobutyl Alcohol2-Methyl-1-Propanol; (CH₃)₂CHCH₂OH

F.W. 74.12

CAS: 78-83-1

Color: Colorless

Solubility in Water: Partly soluble in water

Shelf Life: 5 years

DOT Class 3, III: *Flammable Liquid***FLAMMABLE**

REAGENT GRADE		
S25703	500 mL	\$26.25

Isopentyl AlcoholIsoamyl Alcohol; (CH₃)₂CHCH₂CH₂OH

F.W. 88.15

CAS: 123-51-3

Color: Colorless

Solubility in Water: Slightly soluble in water

Shelf Life: 2 years

DOT Class 3, III: *Flammable Liquid***FLAMMABLE**

REAGENT GRADE		
S25710	100 mL	\$21.25
S25710A	500 mL	\$44.50

Isopropyl AlcoholRubbing Alcohol; (CH₃)₂CHOH

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid***FLAMMABLE**

0.7		
S25371	500 mL	\$21.50
S25371A	4 L	\$101.00
0.99		
S25372	500 mL	\$22.25
S25372A	3.785 L	\$110.00

Kerosene

Lamp Oil

CAS: 8008-20-6

Color: Clear, colorless

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 3, III: *Flammable Liquid***FLAMMABLE**

SOLUTION		
S25373	500 mL	\$14.50

Lactic Acid, 85%

2-Hydroxypropanoic Acid; $\text{CH}_3\text{CHOHCOOH}$
 F.W. 90.08
 CAS: 50-21-5
 Shelf Life: 2 years
 Solubility in Water: Soluble in water
 DOT Class 8, III: *Corrosive*

CORROSIVE

0.85		
S25374	100 mL	\$14.00

Lactose, Monohydrate

Milk Sugar, Monohydrate; $\text{C}_{12}\text{H}_{22}\text{O}_{11}\cdot\text{H}_2\text{O}$
 F.W. 360.32
 CAS: 64044-51-5
 Color: White
 Solubility in Water: Soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25375	100 g	\$11.75
S25375A	500 g	\$19.00

Lanolin, Anhydrous

Wool Fat
 CAS: 8006-54-0
 Color: Yellow
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25376	100 g	\$23.50

Lanthanum Nitrate

Lanthanum (III) Nitrate; $\text{La}(\text{NO}_3)_3\cdot 5\text{H}_2\text{O}$
 F.W. 415.01
 CAS: 15878-72-5
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 2 years

REACTIVE & OXIDIZING

CRYSTALS		
S25745	25 g	\$36.50
S25745A	100 g	\$120.00

Latex

1336-21-6, 7732-18-5
 Latex
 Color: White
 2 years

MODERATE HAZARD

SOLUTION		
S25719A	1 L	\$32.75

Lauric Acid

Dodecanoic Acid; $\text{CH}_3(\text{CH}_2)_{10}\text{COOH}$
 F.W. 200.32
 CAS: 143-07-7
 Color: White
 Solubility in Water: Insoluble
 Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE - FLAKES		
S25377	100 g	\$13.00
S25377A	500 g	\$22.25

Lead

Lead Metal; Pb
 F.W. 207.2
 CAS: 7439-92-1
 Color: Bluish white/silvery gray
 Solubility in Water: Insoluble
 Shelf Life: 5 years

MODERATE HAZARD

SHEET - 12 X 12 X 0.6"		
S25383A***	Ea.	\$40.75
SHEET		
S25383B***	6.5 x 6.5 x 0.03 in.	\$8.50

Lead Acetate, Trihydrate

Lead Sugar; $\text{Pb}(\text{C}_2\text{H}_3\text{O}_2)_2\cdot 3\text{H}_2\text{O}$
 F.W. 379.33
 CAS: 6080-56-4
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year
 DOT Class 6.1, III: *Poison*

HEALTH HAZARD

POWDER		
S25378	100 g	\$14.00
S25378A	500 g	\$28.25

Lead Chloride

Lead Dichloride; PbCl_2
 F.W. 278.11
 CAS: 7758-95-4
 Color: White to off-white
 Solubility in Water: Slightly soluble
 Shelf Life: 5 years
 DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE - POWDER		
S25379	100 g	\$20.75
S25379A	500 g	\$41.75

Lead Dioxide

O_2Pb
 F.W. 239.21
 1309-60-0
 Lead Dioxide
 Density: 9.375g/mL
 Color: Dark Brown Solid
 Solubility in Water: Insoluble
 5 years

REACTIVE & OXIDIZING

SOLID		
S25380	100 g	\$10.75

Lead Nitrate

Lead Dinitrate; $\text{Pb}(\text{NO}_3)_2$
 F.W. 331.20
 CAS: 10099-74-8
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 5.1(6.1), II: *Oxidizer*

REACTIVE & OXIDIZING

LAB GRADE - CRYSTALS		
S25381	500 g	\$29.25
REAGENT GRADE - CRYSTALS		
S25382	100 g	\$11.25
S25382A	2.5 kg	\$87.00

Lead Nitrate Solution, 0.1M

Color: Clear
 Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25858	500 mL	\$13.50

Lead Nitrate Solution, 1M

Color: Clear, colorless
 Solubility in Water: Soluble

REACTIVE & OXIDIZING

Shelf Life: 2 years
 DOT Class 5.1(6.1), II: *Oxidizer*

1M		
S25383	500 mL	\$11.50

Lemon Juice

Color: Clear to yellowish
 Solubility in Water: Soluble
 Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25385	500 mL	\$10.25

Lens Cleaning Solution

Cleans glass or hard plastic safely, quickly and effectively.
 • Unique formula cleans without leaving a residue
 • Ideal for precision lens or prism cleaning because it does not dry too quickly

LENS CLEANING SOLUTION		
S25438	100 mL	\$13.25

Licorice Extract

Glycyrrhiza Extract
 Color: Brown
 Solubility in Water: Soluble in hot water
 Shelf Life: 2 years

MODERATE HAZARD

POWDER		
S25740	25 g	\$7.35

Lime Water

Color: Colorless
 Solubility in Water: Soluble
 Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25386	500 mL	\$7.70
S25386A	3.785 L	\$15.75

Linseed Oil, Boiled

Flaxseed Oil
 CAS: 8001-26-1
 Color: Yellow to brown
 Solubility in Water: Insoluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLUTION		
S25387	500 mL	\$27.25



Lipase Powder

Triacylglycerol Hydrolase

CAS: 9001-62-1

Color: Beige

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

POWDER

S25731	25 g	\$27.25
S25731A	100 g	\$64.00

Lithium CarbonateCarbonic Acid Dilitium Salt; Li₂CO₃

F.W. 73.89

CAS: 554-13-2

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25388**	100 g	\$26.00
----------	-------	---------

REAGENT GRADE

S25388A**	100 g	\$23.75
-----------	-------	---------

Lithium Chloride

Lithium Monochloride; LiCl

F.W. 42.39

CAS: 7447-41-8

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25389A	100 g	\$24.50
---------	-------	---------

REAGENT GRADE

S25389	100 g	\$21.75
--------	-------	---------

S25389B	500 g	\$54.50
---------	-------	---------

Lithium Chloride Solution, 1M

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

1M

S25390	500 mL	\$10.50
--------	--------	---------

Lithium NitrateNitric Acid, Lithium Salt; LiNO₃

F.W. 68.95

CAS: 7790-69-4

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE

S25392	100 g	\$26.00
--------	-------	---------

S25392A	500 g	\$84.00
---------	-------	---------

Litmus

CAS: 1393-92-6

Color: Blue

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

POWDER

S25747A	25 g	\$24.75
---------	------	---------

Litmus Solution, 0.5%

Color: Blue

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

0.005

S25749	500 mL	\$22.00
--------	--------	---------

Loading Dye 10X

Color: Clear Blue

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25393	5 mL	\$16.25
--------	------	---------

Luminol3-Aminophthalhydrazide.; C₈H₇N₃O₂

F.W. 177.17

CAS: 521-31-3

Color: Yellow

Solubility in Water: Insoluble

Shelf Life: 1 year

MODERATE HAZARD

SOLID

S25395A	1 g	\$14.25
---------	-----	---------

S25395	5 g	\$37.00
--------	-----	---------

Lycopodium

Club Moss Spores

CAS: 8023-70-9

Color: Off-white

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.1, III: Flammable Solid

FLAMMABLE

SOLID

S25396	25 g	\$16.00
--------	------	---------

S25396A	100 g	\$35.50
---------	-------	---------

S25396B	500 g	\$126.00
---------	-------	----------

Lysozyme

CAS: 12650-88-3

Color: White

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25750	1 g	\$46.75
--------	-----	---------

Magnesium Bromide, HexahydrateMgBr₂·6H₂O

F.W. 292.25

CAS: 13446-53-2

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25398	100 g	\$25.50
--------	-------	---------

S25398A	500 g	\$63.75
---------	-------	---------

Magnesium Carbonate, PentahydrateMagnesite; 4Mg(CO₃)·Mg(OH)₂·5H₂O

CAS: 39409-82-0

Color: White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25400	100 g	\$4.85
--------	-------	--------

REAGENT GRADE

S25399	100 g	\$5.30
--------	-------	--------

S25399A	500 g	\$26.50
---------	-------	---------

Magnesium Chloride, Hexahydrate

Magnesium Dichloride Hexahydrate;

MgCl₂·6H₂O

F.W. 203.33

CAS: 7791-18-6

Color: White to slightly gray

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25403	500 g	\$16.75
--------	-------	---------

REAGENT GRADE

S25401	100 g	\$13.50
--------	-------	---------

S25401A	500 g	\$25.25
---------	-------	---------

Magnesium HydroxideMilk of Magnesia; Mg(OH)₂

F.W. 58.33

CAS: 1309-42-8

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25406	100 g	\$3.45
--------	-------	--------

S25406A	500 g	\$23.00
---------	-------	---------

Magnesium Metal

Mg

F.W. 24.31

CAS: 7439-95-4

Color: Silver White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 4.1, III: Flammable Solid

FLAMMABLE

LAB GRADE - RIBBON

S25397	50 g	\$16.75
--------	------	---------

TURNINGS

S25397A	2.5 g	\$14.75
---------	-------	---------

S25411	25 g	\$18.75
--------	------	---------

S25411A	100 g	\$23.00
---------	-------	---------

S25411B	500 g	\$73.25
---------	-------	---------

Magnesium Nitrate, HexahydrateMg(NO₃)₂·6H₂O

F.W. 256.43

CAS: 13446-18-9

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25412A 500 g \$17.00

REAGENT GRADE

S25412 100 g \$10.75

Magnesium Oxide

Magnesia; MgO

F.W. 40.3

CAS: 1309-48-4

Color: Silver white

Solubility in Water: Slightly

Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE

S25413 100 g \$13.75

Magnesium Powder

Mg

F.W. 24.31

CAS: 7439-95-4

Color: Silver white

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.3, 4.2, II: Spontaneously Combustible;

Dangerous When Wet

FLAMMABLE

LAB GRADE

S25407 100 g \$22.25

REAGENT GRADE

S25409B 500 g \$58.75

Magnesium Sulfate, AnhydrousBitter Salt; MgSO₄

F.W. 120.37

CAS: 7487-88-9

Color: Off-white

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

SOLID

S25414B 500 g \$47.00

Magnesium Sulfate, HeptahydrateEpsom Salts, Heptahydrate; MgSO₄·7H₂O

F.W. 246.50

CAS: 10034-99-8

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

SOLID

S25414 500 g \$28.75

S25414A 2.5 kg \$29.25

Maleic AcidButenedioic Acid; HO₂CCH:CHCO₂H

F.W. 116.07

CAS: 110-16-7

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 8, III: Corrosive

CORROSIVE

SOLID

S25415 200 g \$30.75

S25415A 250 g \$31.00

Malonic AcidCarboxyacetic Acid; HO₂CCH₂CO₂H

F.W. 104.06

CAS: 141-82-2

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25416 25 g \$14.75

S25416A 100 g \$137.00

Maltose, MonohydrateC₁₂H₂₂O₁₁·H₂O

F.W. 360.32

CAS: 6363-53-7

Color: White/colorless

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25417 100 g \$13.25

Manganese DioxideManganese (IV) Oxide; MnO₂

F.W. 86.94

CAS: 1313-13-9

Color: Black

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25420 100 g \$18.50

S25420A 500 g \$15.75

REAGENT GRADE

S25419 100 g \$19.50

Manganese Nitrate Solution, 50%

Manganous Nitrate Solution

Color: Clear, reddish-orange

Solubility in Water: Complete

Shelf Life: 2 years

DOT Class 5.1 (8), III: Oxidizer

REACTIVE & OXIDIZING

0.5

S25421 100 mL \$9.70

S25421A 500 mL \$32.00

Manganous Chloride, Tetrahydrate

Manganese (II) Chloride Tetrahydrate;

MnCl₂·4H₂O

F.W. 197.91

CAS: 13446-34-9

Color: Pink

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE

S25418 100 g \$14.25

Manganous Sulfate

Manganese (II) Sulfate Monohydrate;

MnSO₄·H₂O

F.W. 169.01

CAS: 10034-96-5

Color: Light red

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

LAB GRADE

S25422 500 g \$36.50

MentholP-Menthan-3-ol; C₁₀H₂₀O

F.W. 156.26

CAS: 89-78-1

Color: White

Solubility in Water: Soluble in alcohol, chloroform, ether

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25751 25 g \$13.00

S25751A 100 g \$51.25

Mercuric ChlorideMercury (II) Chloride; HgCl₂

F.W. 271.50

CAS: 7487-94-7

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 6.1, II: Poison

HEALTH HAZARD

ACS GRADE - CRYSTALS

S25423** 100 g \$47.50

Mercuric IodideMercury (II) Iodide; HgI₂

F.W. 454.40

CAS: 7774-29-0

Color: Red

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 6.1, II: Poison

HEALTH HAZARD

ACS GRADE

S25424** 25 g \$20.00



Mercuric Oxide

Yellow Oxide of Mercury; HgO
 F.W. 216.59
 CAS: 21908-53-2
 Color: Yellow to orange-yellow
 Solubility in Water: Insoluble
 Shelf Life: 5 years
 DOT Class 6.1, II: *Poison*

HEALTH HAZARD

ACS GRADE

S25425	25 g	\$12.00
--------	------	---------

Methanol

Methyl Alcohol; CH₃OH
 F.W. 32.04
 CAS: 67-56-1
 Color: Clear, colorless
 Solubility in Water: Miscible in water
 Shelf Life: 2 years
 DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

LAB GRADE

S25426A**	4 L	\$35.50
-----------	-----	---------

REAGENT GRADE

S25426**	500 mL	\$21.25
----------	--------	---------

Methyl Cellulose

Cellulose Methylate
 CAS: 9004-67-5
 Color: White to off-white
 Solubility in Water: Soluble
 Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25427	100 g	\$23.50
--------	-------	---------

Methyl Cellulose Solution, 1.5%

Color: Clear, Colorless
 Solubility in Water: Soluble
 Shelf Life: 2 years

MODERATE HAZARD

0.015

S25428	20 mL	\$18.25
--------	-------	---------

Methyl Orange Indicator

Orange III; C₁₄H₁₅N₃O₃Na
 F.W. 327.34
 CAS: 547-58-0
 Color: Orange
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE

S25433A	25 g	\$14.25
S25433	10 g	\$4.75

Methyl Red Indicator

Sodium Salt; C₁₅H₁₄N₃O₂Na
 F.W. 291.28
 CAS: 845-10-3
 Color: Orange
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25434	10 g	\$13.00
S25434A	25 g	\$25.25

Methyl Red Indicator Solution, 0.02%

Color: Orange
 Solubility in Water: Soluble
 Shelf Life: 18 months
 DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.0002

S25435	500 mL	\$10.75
--------	--------	---------

Methyl Salicylate

Wintergreen Oil; C₈H₈O₃
 F.W. 152.15
 CAS: 119-36-8
 Color: Colorless to yellow-red
 Solubility in Water: Slightly soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

SOLUTION

S25437	100 mL	\$19.50
--------	--------	---------

Methyl Violet

Methyl Violet 2B; C₂₄H₂₈ClN₃
 F.W. 393.94
 CAS: 8004-87-3
 Color: Blue-green
 Solubility in Water: Soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25436	10 g	\$7.55
--------	------	--------

Methylene Blue

Methylene Blue Chloride;
 C₁₆H₁₈ClN₃S·3H₂O
 F.W. 373.90
 CAS: 7220-79-3
 Color: Dark green
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25429	10 g	\$13.75
S25429A	25 g	\$20.25

Methylene Blue (Loeffler's)

Color: Blue
 Solubility in Water: Soluble
 Shelf Life: 2 years
 DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

SOLUTION

S25432	500 mL	\$19.25
--------	--------	---------

Methylene Blue Solution, 1%

Color: Dark blue
 Solubility in Water: Soluble
 Shelf Life: 18 months

MODERATE HAZARD

0.01

S25430	15 mL	\$9.90
S25431	100 mL	\$8.25
S25431A	500 mL	\$15.25

Methylene Blue, 0.004M

Methylene Blue Chloride;
 C₁₆H₁₈ClN₃S·3H₂O
 CAS: 7440-66-6, 722-79-3
 Color: Blue
 Solubility in Water: Soluble
 Shelf Life: 24 months
 DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

LIQUID

S25836	30 mL	\$16.25
--------	-------	---------

Mineral Oil

Bath Oil
 CAS: 8042-47-5
 Color: White
 Solubility in Water: Insoluble
 Shelf Life: 5 years

MODERATE HAZARD

HEAVY

S25440	500 mL	\$20.00
--------	--------	---------

LIGHT

S25439	500 mL	\$12.00
S25439A	4 L	\$66.75

Molasses

Color: Brown
 Shelf Life: 2 years
 Not suitable for human consumption.

MODERATE HAZARD

SOLUTION

S25753	300 mL	\$10.75
--------	--------	---------

Molisch Reagent

Color: Colorless
 Solubility in Water: Infinite
 Shelf Life: 2 years
 DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

SOLUTION

S25754	100 mL	\$14.50
--------	--------	---------

Molybdenum (IV) Oxide

Molybdenum Trioxide; MoO₂
 F.W. 143.94
 CAS: 18868-43-4
 Color: Gray
 Shelf Life: 2 years
 DOT Class 6.1, III: *Poison*

HEALTH HAZARD

SOLID

S25755	10 g	\$27.75
--------	------	---------

Naphthalene

Tar Camphor; C₁₀H₈
 F.W. 128.17
 CAS: 91-20-3
 Color: White
 Solubility in Water: Insoluble
 Shelf Life: 2 years
 DOT Class 4.1, III: *Flammable Solid*

FLAMMABLE

REAGENT GRADE

S25441*	100 g	\$12.00
S25441A*	500 g	\$25.25

Nickel

Nickel Metal Shot; Ni
 F.W. 58.69
 CAS: 7440-02-0
 Color: White to gray-white
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25444*	50 g	\$20.50
S25444A*	500 g	\$104.00

Nickel (II) Chloride, Hexahydrate

Nickel Dichloride; NiCl₂·6H₂O
 F.W. 237.72
 CAS: 7791-20-0
 Color: Green
 Solubility in Water: Soluble
 Shelf Life: 1 year
 DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE		
S25442*	100 g	\$24.75
S25442A*	500 g	\$108.00

Nickel (II) Nitrate, Hexahydrate

Nickelous Nitrate Hexahydrate;
 Ni(NO₃)₂·6H₂O
 F.W. 290.82
 CAS: 13478-00-7
 Color: Emerald green
 Solubility in Water: Soluble
 Shelf Life: 1 year
 DOT Class 5.1, III: *Oxidizer*

REACTIVE & OXIDIZING

REAGENT GRADE		
S25443	100 g	\$18.75
S25443A	500 g	\$64.50

Nickel (II) Sulfate, Hexahydrate

Nickeous Sulfate Crystal; NiSO₄·6H₂O
 F.W. 262.87
 CAS: 10101-97-0
 Color: Blue-green
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 6.1, III: *Poison*

HEALTH HAZARD

REAGENT GRADE		
S25445	100 g	\$23.00
S25445A	500 g	\$68.25

Nicotine Solution

7732-18-5, 54-11-5, 532-32-1
 Nicotine Solution
 Density: ∽1g/mL
 1 year

MODERATE HAZARD

SOLUTION		
S25446	100 mL	\$13.50

Nigrosin Saturated Aqueous Solution

Nigrosine Biological Stain
 Color: Dark blue-violet
 Solubility in Water: Infinite
 Shelf Life: 5 years

MODERATE HAZARD

SOLUTION		
S25447	100 mL	\$20.00

Ninhydrin

1, 2,3 -Indantrione Monohydrate;
 C₆H₄·1,2-(CO)₂CO·H₂O
 F.W. 178.14
 CAS: 485-47-2
 Color: Slightly yellow
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25448	10 g	\$23.25

Nitric Acid Solution, 15.8M, Concentrated

Hydrogen Nitrate; HNO₃
 F.W. 63.02
 Color: Clear
 Solubility in Water: Soluble in water
 Shelf Life: 2 years
 DOT Class 8, II: *Corrosive*

CORROSIVE

ACS GRADE - NON-SAFECOTE		
S25906	500 mL	\$42.75
ACS GRADE - SAFECOTE		
S25449C	2.5 L	\$58.00

Nitric Acid Solution, 1M/3M

Color: Clear to yellow
 Solubility in Water: Soluble in water
 Shelf Life: 2 years
 DOT Class 8, II: *Corrosive*

CORROSIVE

1M		
S25449B	500 mL	\$8.25
3M		
S25860	500 mL	\$9.10

Nitric Acid Solution, 6M

Color: Clear to yellow
 Solubility in Water: Soluble in water
 Shelf Life: 2 years
 DOT Class 8, II: *Corrosive*

CORROSIVE

6M		
S25449A	500 mL	\$33.00

o-Nitrobenzaldehyde

2-Nitrobenzaldehyde; C₇H₅NO₃
 F.W. 151.04
 CAS: 552-89-6
 Color: Yellow
 Solubility in Water: Slightly soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25758	10 g	\$25.75

Nutrient Broth

Color: Beige
 Solubility in Water: Soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25759A	100 g	\$42.50

1-Octadecanol

Stearyl Alcohol; CH₃(CH₂)₁₆CH₂OH
 F.W. 270.50
 CAS: 112-92-5
 Color: White
 Solubility in Water: Insoluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25777A	500 g	\$52.50
S25759B	500 g	\$159.00

1-Octanol

n-Octyl Alcohol; CH₃(CH₂)₇OH
 F.W. 130.23
 CAS: 111-87-5
 Color: Clear, colorless
 Solubility in Water: Insoluble
 Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE		
S25450B	50 mL	\$12.25
S25450A	100 mL	\$20.50
S25450	500 mL	\$37.75

Oleic Acid

Cis-9-Octadecenoic Acid; C₁₈H₃₄O₂
 F.W. 282.47
 CAS: 112-80-1
 Color: Colorless to pale red
 Solubility in Water: Insoluble
 Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25451	100 mL	\$8.40
S25451A	500 mL	\$23.00

Olive Oil

CAS: 8001-25-0
 Color: Yellow
 Solubility in Water: Insoluble
 Shelf Life: 5 years
 Not suitable for human consumption.

MODERATE HAZARD

SOLUTION		
S25452	500 mL	\$21.25

Onion's Fusible Alloy

Color: White
 Solubility in Water: Insoluble in water
 Shelf Life: 5 years

MODERATE HAZARD

METAL		
S25776A	100 g	\$26.50

Orange G, Biological Stain

Acid Fast Orange G
 F.W. 452.18
 CAS: 1936-15-8
 Color: Yellow-red to orange
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25453	25 g	\$25.25



Oxalic Acid, DihydrateEthanedioic Acid Dehydrate; $H_2C_2O_4 \cdot 2H_2O$

F.W. 126.07

CAS: 6153-56-6

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 8 (6.1), II: Corrosive

LAB GRADE - SOLID

S25455	500 g	\$19.00
--------	-------	---------

CORROSIVE**Palmitic Acid**Hexadecanoic Acid; $CH_3(CH_2)_{14}CO_2H$

F.W. 256.43

CAS: 57-10-3

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

FLAKES

S25763	100 g	\$30.75
--------	-------	---------

MODERATE HAZARD**Pancreatin**

CAS: 8049-47-6

Solubility in Water: Slightly soluble

LAB GRADE

S25456	100 g	\$17.50
--------	-------	---------

MODERATE HAZARD**Papain**

CAS: 9001-73-4

Color: White

Solubility in Water: Partly soluble in water

Shelf Life: 2 years

SOLID

S25764	10 g	\$29.75
--------	------	---------

MODERATE HAZARD**Paraffin Wax (Cake)**

CAS: 8002-74-2

Color: Clear or White

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25646	454 g	\$14.75
--------	-------	---------

MODERATE HAZARD**Peanut Oil**

Arachis Oil

CAS: 8002-03-7

Color: Colorless

Solubility in Water: Insoluble

Shelf Life: 5 years

Not suitable for human consumption.

SOLUTION

S25760	500 mL	\$22.00
--------	--------	---------

MODERATE HAZARD**Pentane** $CH_3(CH_2)_3CH_3$

CAS: 109-66-0

Color: Colorless

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 3, I: Flammable Liquid

REAGENT GRADE

S25457	100 mL	\$12.50
--------	--------	---------

FLAMMABLE**Peppermint Oil**

CAS: 8006-90-4

Color: Colorless

Solubility in Water: Insoluble

Shelf Life: 5 years

Not suitable for human consumption.

SOLUTION

S25458	25 mL	\$20.75
--------	-------	---------

MODERATE HAZARD**Pepsin Powder**

CAS: 9001-75-6

Color: White/yellow

Solubility in Water: Soluble

Shelf Life: 5 years

POWDER

S25459	30 g	\$13.50
--------	------	---------

S25459A	100 g	\$42.75
---------	-------	---------

MODERATE HAZARD**Peptone**

CAS: 73049-73-7

Color: Yellow

Solubility in Water: Soluble in water

Shelf Life: 5 years

SOLID

S25761A	100 g	\$17.75
---------	-------	---------

S25761B	500 g	\$67.50
---------	-------	---------

MODERATE HAZARD**Petrolatum**

Petroleum Jelly

CAS: 8009-03-8

Color: White to yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

SOLID

S25460	500 g	\$20.25
--------	-------	---------

MODERATE HAZARD**Petroleum Ether**

Ligroine

CAS: 8032-32-4

Color: Clear

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 3, II: Flammable Liquid

ACS GRADE

S25461	100 mL	\$11.75
--------	--------	---------

S25461A	500 mL	\$20.75
---------	--------	---------

S25461B	1 lb.	\$11.00
---------	-------	---------

FLAMMABLE**pH Buffer Solutions (pH 1 to pH 12)**

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 2 years

MODERATE HAZARD**PH 1**

S25208	500 mL	\$18.50
--------	--------	---------

PH 2

S25208A	500 mL	\$19.50
---------	--------	---------

PH 3

S25208B	500 mL	\$18.75
---------	--------	---------

PH 4

S25208C	500 mL	\$18.75
---------	--------	---------

PH 5

S25208D	500 mL	\$18.75
---------	--------	---------

PH 6

S25208E	500 mL	\$19.50
---------	--------	---------

PH 7

S25208F	500 mL	\$18.75
---------	--------	---------

PH 8

S25208G	500 mL	\$18.75
---------	--------	---------

PH 9

S25208H	500 mL	\$18.75
---------	--------	---------

PH 10

S25208I	500 mL	\$18.75
---------	--------	---------

PH 11

S25208J	500 mL	\$18.75
---------	--------	---------

PH 12

S25208K	500 mL	\$18.75
---------	--------	---------

pH Buffer Solutions (pH 4.00, pH 7.00, pH 10.00)**MODERATE HAZARD**

Color: Yellow

Solubility in Water: Infinite

Moderate Hazard

PH 4.0: RED

S25849A	500 mL	\$8.85
---------	--------	--------

PH 7.0: YELLOW

S25849B	500 mL	\$8.85
---------	--------	--------

PH 10.0: BLUE

S25849	500 mL	\$8.85
--------	--------	--------

1,10-Phenanthroline Monohydrate $C_{12}H_8N_2 \cdot H_2O$

F.W. 198.21

CAS: 5144-89-8

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 6.1, III: Poison

REAGENT GRADE

S25461C	5 g	\$73.00
---------	-----	---------

HEALTH HAZARD**Phenol**Carbolic Acid; C_6H_5OH

F.W. 94.11

CAS: 108-95-2

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 6.1, II: Poison

LAB GRADE

S25462	100 g	\$39.50
--------	-------	---------

S25462A	500 g	\$111.00
---------	-------	----------

HEALTH HAZARD

Phenol Red Indicator

Phenolsulfonephthalein Sodium;
C₁₉H₁₃NaO₅S

F.W. 376.36

CAS: 34487-61-1

Color: Red

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

ACS GRADE

S25465 10 g \$22.75

Phenol Red Indicator Solution, 0.02% w/v

Color: Red

Solubility in Water: Soluble

Shelf Life: 18 months

MODERATE HAZARD

0.0002

S25464 100 mL \$4.90

S25464A 500 mL \$16.75

Phenol Solution

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 6.1, II: *Poison*

HEALTH HAZARD

SOLUTION

S25463 100 mL \$25.25

Phenolphthalein in IPA Solution

Color: Clear, colorless to slight pink

Solubility in Water: Insolite

Shelf Life: 2 years

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.005

S25468A* 100 mL \$5.15

S25468*** 500 mL \$11.75

0.01

S25467* 100 mL \$8.20

S25467A*** 500 mL \$10.75

Phenolphthalein Indicator

3,3-Bis(4-Hydroxyphenyl)-1(3H)-
Isobenzofuranone; C₂₀H₁₄O₄

F.W. 318.33

CAS: 77-09-8

Color: Off-white

Solubility in Water: Insoluble in water

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE - POWDER

S25466* 25 g \$11.00

S25466A* 100 g \$23.00

Phenyl Salicylate

Salol; 2-HOC₆H₄-1-CO₂C₆H₅

F.W. 214.22

CAS: 118-55-8

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25469 100 g \$18.50

Phosphate Buffer Solution, 0.1M

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 2 years

MODERATE HAZARD

0.1M

S25472 60 mL \$6.45

o-Phosphoric Acid Solution, 85%

Orthophosphoric acid; H₃PO₄;

F.W. 98

CAS: 7664-38-2

Color: Clear, colorless

Solubility in Water: Complete

Shelf Life: 2 years

DOT Class 8, III: *Corrosive*

CORROSIVE

ACS GRADE

S25470 100 mL \$17.75

S25470A 1 L \$77.00

REAGENT GRADE

S25470B 2.5 L \$85.00

Polysnow

Sodium Polyacrylic

CAS: 9033-79-8

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25774A 100 g \$20.00

Polyvinyl Alcohol

Ethanol; [CH₂CH(OH)]_n

F.W. 165.00

CAS: 9002-89-5

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25473 25 g \$11.00

S25473A 100 g \$17.00

S25473B 500 g \$36.75

THICK GEL - 4% SOLUTION

S25474 100 mL \$25.25

Potassium Bicarbonate

Baking Soda; KHCO₃

F.W. 100.12

CAS: 298-14-6

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE

S25475 100 g \$11.00

S25475A 500 g \$22.00

Potassium Bisulfate

Potassium Hydrogen Sulfate; KHSO₄

F.W. 136.17

CAS: 7646-93-7

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, II: *Corrosive*

CORROSIVE

SOLID

S25476 100 g \$17.25

Potassium Bitartrate

Cream of Tartar; KHC₄H₄O₆

F.W. 188.18

CAS: 866-14-4

Color: White

Solubility in Water: Partially

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25477 100 g \$12.75

S25477A 500 g \$28.00

Potassium Bromide

Hydrobromic Acid Potassium Salt; KBr

F.W. 119.02

CAS: 7758-02-3

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE

S25478 500 g \$30.00

Potassium Carbonate, Anhydrous

Dipotassium Salt Of Carbonic Acid; K₂CO₃

F.W. 138.21

CAS: 584-08-7

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25480 500 g \$19.00

Potassium Carbonate, Sesquihydrate

Pearl Ash; K₂CO₃ · 1.5H₂O

F.W. 165.245g

CAS: 6381-79-9

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25479 500 g \$49.75

Potassium Chlorate

Salt of Tartar; KClO₃

F.W. 122.55

CAS: 3811-04-9

Color: White

Shelf Life: 5 years

DOT Class 5.1, II: *Oxidizer*

REACTIVE & OXIDIZING

LAB GRADE

S25482 100 g \$12.75

S25482A 500 g \$26.25



Potassium Chloride

KCl
 F.W. 74.56
 CAS: 7447-40-7
 Color: White
 Solubility in Water: Partially soluble
 Shelf Life: 2 years

MODERATE HAZARD

REAGENT GRADE

S25484	100 g	\$8.45
S25484A	500 g	\$16.50

Potassium Chloride Solutions

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25861	500 mL	\$11.00
---------------	--------	---------

4M

S25485	500 mL	\$11.50
---------------	--------	---------

Potassium Chromate

Chromic Acid; K_2CrO_4
 F.W. 194.20
 CAS: 7789-00-6
 Color: Yellow
 Solubility in Water: Soluble in water
 Shelf Life: 5 years
 DOT Class 6.1 (5.1), II: *Poison*

REACTIVE & OXIDIZING

LAB GRADE

S25486A***	500 g	\$71.25
-------------------	-------	---------

REAGENT GRADE

S25486***	100 g	\$17.50
------------------	-------	---------

S25486B***	500 g	\$39.25
-------------------	-------	---------

Potassium Chromate Solution, 0.1M

Indicator for Chloride Determination
 Color: Yellow
 Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M

S25862***	500 mL	\$7.55
------------------	--------	--------

Potassium Dichromate

Potassium Bichromate; $K_2Cr_2O_7$
 F.W. 294.19
 CAS: 7778-50-9
 Color: Orange
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 6.1, I: *Poison*

REACTIVE & OXIDIZING

REAGENT GRADE

S25487***	100 g	\$19.00
------------------	-------	---------

S25487A***	500 g	\$45.25
-------------------	-------	---------

Potassium Ferricyanide

Potassium Prussiate; $K_3Fe(CN)_6$
 F.W. 329.26
 CAS: 13746-66-2
 Color: Orange/red
 Solubility in Water: Partly soluble in water
 Shelf Life: 1 year

MODERATE HAZARD

SOLID

S25488	100 g	\$13.75
---------------	-------	---------

S25488A	500 g	\$41.75
----------------	-------	---------

Potassium Ferrocyanide, Trihydrate

Potassium Hexacyanoferrate (II)
 Trihydrate; $K_4Fe(CN)_6 \cdot 3H_2O$
 F.W. 422.41
 CAS: 14459-95-1
 Color: Yellow
 Solubility in Water: Soluble in water
 Shelf Life: 1 year

MODERATE HAZARD

SOLID

S25489	100 g	\$21.75
---------------	-------	---------

S25489A	500 g	\$80.00
----------------	-------	---------

Potassium Hydrogen Phthalate

Potassium Acid Phthalate; $KHC_8H_4O_4$
 F.W. 204.23
 CAS: 877-24-7
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25490	100 g	\$19.50
---------------	-------	---------

Potassium Hydroxide

Caustic Potash; KOH
 F.W. 56.11
 CAS: 1310-58-3
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 2 years
 DOT Class 8, II: *Corrosive*

CORROSIVE

REAGENT GRADE

S25491	100 g	\$11.75
---------------	-------	---------

S25491A	500 g	\$37.00
----------------	-------	---------

Potassium Hydroxide Solution, 0.1M

Color: Clear
 Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M

S25863	500 mL	\$5.75
---------------	--------	--------

Potassium Iodate

Iodic Acid, potassium salt; KIO_3
 F.W. 214.00
 CAS: 7758-05-6
 Color: White
 Solubility in Water: Soluble in water
 Shelf Life: 5 years
 DOT Class 5.1, II: *Oxidizer*

REACTIVE & OXIDIZING

LAB GRADE

S25492B	500 g	\$118.00
----------------	-------	----------

REAGENT GRADE

S25492	25 g	\$14.00
---------------	------	---------

S25492A	100 g	\$35.00
----------------	-------	---------

Potassium Iodide

KI
 F.W. 166.01
 CAS: 7681-11-0
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25493C	100 g	\$32.50
----------------	-------	---------

S25493D	500 g	\$142.00
----------------	-------	----------

REAGENT GRADE

S25493	25 g	\$20.00
---------------	------	---------

S25493A	100 g	\$35.25
----------------	-------	---------

S25493B	500 g	\$134.00
----------------	-------	----------

Potassium Iodide Solutions

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25864	500 mL	\$16.00
---------------	--------	---------

0.5M

S25865	500 mL	\$27.00
---------------	--------	---------

Potassium Nitrate

Saltpeper; KNO_3
 F.W. 101.11
 CAS: 7757-79-1
 Color: White
 Shelf Life: 2 years
 DOT Class 5.1, III: *Oxidizer*

REACTIVE & OXIDIZING

LAB GRADE

S25494B	500 g	\$11.25
----------------	-------	---------

REAGENT GRADE

S25494	100 g	\$10.75
---------------	-------	---------

S25494A	500 g	\$24.25
----------------	-------	---------

S25494C	3 kg	\$99.00
----------------	------	---------

Potassium Nitrate Solution, 0.1M

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25866	500 mL	\$6.80
---------------	--------	--------

Potassium Nitrite

Nitrous Acid; KNO_2
 F.W. 85.11
 CAS: 7758-09-0
 Color: White/Pale-yellow
 Solubility in Water: Soluble
 Shelf Life: 2 years
 DOT Class 5.1, II: *Oxidizer*

REACTIVE & OXIDIZING

REAGENT GRADE

S25495	100 g	\$34.75
---------------	-------	---------

S25495A	500 g	\$129.00
----------------	-------	----------

Potassium Nitrite Solution, 1M

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

1M

S25867	100 mL	\$13.25
---------------	--------	---------

Potassium Oxalate, MonohydrateOxalic Acid; $K_2C_2O_4 \cdot H_2O$

F.W. 184.24

CAS: 6487-48-5

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 6.1, III: *Poison***HEALTH HAZARD****LAB GRADE**

S25496	100 g	\$15.25
S25496A	500 g	\$27.50

Potassium PermanganateChameleon Mineral; $KMnO_4$

F.W. 158.04

CAS: 7722-64-7

Color: Dark brown

Solubility in Water: soluble

Shelf Life: 5 years

DOT Class 5.1, II: *Oxidizer***REACTIVE & OXIDIZING****REAGENT GRADE**

S25497	100 g	\$12.50
S25497A	500 g	\$34.75

Potassium Permanganate Solutions

Color: Purple

Solubility in Water: Infinite

MODERATE HAZARD**0.01M**

S25869	500 mL	\$6.65
---------------	--------	--------

0.1M

S25870	500 mL	\$11.00
---------------	--------	---------

0.2M

S25871	500 mL	\$10.75
---------------	--------	---------

Potassium PersulfateDipotassium Peroxydisulfate; $K_2S_2O_8$

F.W. 270.33

CAS: 7727-21-1

Color: White

Solubility in Water: Slightly soluble in water

Shelf Life: 1 year

DOT Class 5.1 (8), III: *Oxidizer***REACTIVE & OXIDIZING****LAB GRADE**

S25498	100 g	\$14.75
---------------	-------	---------

Potassium Phosphate, Diabasic, Anhydrous

Potassium Monohydrogen Phosphate;

 K_2HPO_4

F.W. 174.18

CAS: 7758-11-4

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD**SOLID**

S25500A	100 g	\$14.50
----------------	-------	---------

Potassium Phosphate, Monobasic

Dipotassium Phosphate Monobasic;

 KH_2PO_4

F.W. 136.09

CAS: 7778-77-0

Color: White

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD**SOLID**

S25499	100 g	\$17.75
S25499A	500 g	\$36.50

Potassium Phosphate, TribasicTripotassium Phosphate; $K_3PO_4 \cdot nH_2O$

F.W. 212.03

CAS: 7778-53-2

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 8, II: *Corrosive***CORROSIVE****REAGENT GRADE**

S25501	100 g	\$31.50
S25501A	500 g	\$46.25

Potassium Polyacrylate

Potassium Acrylate

CAS: 25608-12-2

Color: Off White

Solubility in Water: Insoluble

Shelf Life: 2 years

MODERATE HAZARD**SOLID**

S25502A	500 g	\$36.25
----------------	-------	---------

Potassium Sodium Tartrate, TetrahydrateSeignette Salt; $KNaC_4H_4O_6 \cdot 4H_2O$

F.W. 282.22

CAS: 6381-59-5

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD**SOLID**

S25503	100 g	\$16.00
S25503A	500 g	\$30.00

Potassium SulfateDipotassium Sulfate; K_2SO_4

F.W. 174.27

CAS: 7778-80-5

Color: White

Solubility in Water: Partly soluble in water

Shelf Life: 5 years

MODERATE HAZARD**ACS GRADE**

S25505	500 g	\$31.50
---------------	-------	---------

LAB GRADE

S25504	500 g	\$21.00
---------------	-------	---------

Potassium Thiocyanate

Potassium Rhodanate; KSCN

F.W. 97.18

CAS: 333-20-0

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD**ACS GRADE**

S25506	100 g	\$17.50
S25506A	500 g	\$85.00

Potassium Thiocyanate Solution, 0.1M

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD**0.1M**

S25872	500 mL	\$14.00
---------------	--------	---------

1,2-Propanediol1,2-Propylene Glycol; $CH_3CHOHCH_2OH$

F.W. 76.10

CAS: 57-55-6

Color: Colorless

Solubility in Water: Miscible with water

Shelf Life: 2 years

MODERATE HAZARD**SOLUTION**

S25769A	500 mL	\$21.00
----------------	--------	---------

1, 2-Propanediol $CH_3CHOHCH_2OH$

F.W. 76.1

57-55-6

1, 2-Propanediol

Density: 1.0361g/cm³

Color: Colorless

2 years

MODERATE HAZARD**SOLUTION**

S25769	100 mL	\$9.75
---------------	--------	--------

1-PropanolPropyl Alcohol; $CH_3CH_2CH_2OH$

F.W. 60.10

CAS: 71-23-8

Color: Clear

Solubility in Water: Miscible

Shelf Life: 5 years

DOT Class 3, II: *Flammable Liquid***FLAMMABLE****REAGENT GRADE**

S25507	500 mL	\$18.00
S25507A	100 mL	\$10.50

Propionic AcidEthane-carboxylic Acid; CH_3CH_2COOH

F.W. 74.08

CAS: 79-09-4

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 8, II: *Corrosive***CORROSIVE****LAB GRADE**

S25508	100 mL	\$14.00
---------------	--------	---------



Pyridine

Azine; Azabenzene; C₅H₅N
 F.W. 79.10
 CAS: 110-86-1
 Color: Colorless
 Solubility in Water: Soluble
 Shelf Life: 2 years
 DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

REAGENT GRADE		
S25762*	50 mL	\$19.25
S25762A*	100 mL	\$35.00

Pyrogallol

Pyrogallol Acid; C₆H₃(OH)₃
 F.W. 126.11
 CAS: 87-66-1
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 6.1, II: *Poison*

HEALTH HAZARD

SOLID		
S25509	25 g	\$28.00

Quinine Sulfate, Dihydrate

Quinine Sulfate;
 (C₂₀H₂₄N₂O₂)₂·H₂SO₄·2H₂O
 F.W. 782.97
 CAS: 6119-70-6
 Color: White to off-white
 Solubility in Water: Slightly
 Shelf Life: 5 years
 DOT Class 6.1, III: *Poison*

HEALTH HAZARD

LAB GRADE - POWDER		
S25510	5 g	\$41.25
S25510A	10 g	\$69.00
S25510B	25 g	\$83.00

Rennin

Rennase
 CAS: 9001-98-3
 Color: Tan
 Solubility in Water: Soluble in water
 Shelf Life: 2 years

MODERATE HAZARD

SOLID		
S25511	5 g	\$69.00

Resazurin

Biological Stain/Indicator; C₁₂H₆NO₄Na
 F.W. 251.17
 CAS: 62758-13-8
 Color: Black
 Solubility in Water: Slightly
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25782	1 g	\$27.00
SOLUTION - 1%		
S25783	20 mL	\$9.95

Resorcinol

1,3-Benzenediol; C₆H₄(OH)₂
 F.W. 110.11
 CAS: 108-46-3
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 6.1, III: *Poison*

HEALTH HAZARD

POWDER		
S25784	25 g	\$16.25
S25784A	100 g	\$38.75

Rhodamine B

C₂₈H₃₁ClN₂O₃
 F.W. 479.01
 81-88-9
 Rhodamine B
 Density: >1.0g/mL
 Color: Dark Green Crystals
 Solubility in Water: Soluble in water
 5 years

MODERATE HAZARD

SOLID		
S25785*	25 g	\$40.25

Rhodamine B Staining Solution, 1%

Basic Violet 10
 Color: Red
 Solubility in Water: Soluble
 Shelf Life: 2 years

MODERATE HAZARD

0.01		
S25786*	20 mL	\$13.25

Ringer's Solution

Physiological Saline
 Color: Clear, colorless
 Solubility in Water: Soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

LIQUID - AMPHIBIAN		
S25512	500 mL	\$14.75
LIQUID - MAMMALIAN		
S25513	500 mL	\$11.75

Rose Bengal Solution

Acid Red 94
 Color: Pink
 Solubility in Water: Soluble
 Shelf Life: 2 years

MODERATE HAZARD

SOLUTION		
S25789	100 mL	\$28.50

Safranin O

Basic Red 2; C₂₀H₄₉ClN₄
 F.W. 350.85
 CAS: 477-73-6
 Color: Dark Red-brown
 Solubility in Water: Soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25514	25 g	\$41.75

Safranin Staining Solution, 1%

Color: Red-Orange
 Solubility in Water: Infinite
 0.01
 S25873

MODERATE HAZARD

500 mL	\$34.25
--------	---------

Salicylic Acid

o-Hydroxybenzoic Acid; 2-HOC₆H₄COOH
 F.W. 138.12
 CAS: 69-72-7
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25515	100 g	\$11.75
S25515A	500 g	\$30.25

Sand, Ottawa

Quartz Silica
 F.W. 60.08
 CAS: 14808-60-7
 Color: White/beige
 Solubility in Water: Insoluble
 Shelf Life: 5 years

MODERATE HAZARD

POWDER		
S25516*	500 g	\$6.85
S25516B*	1 kg	\$13.75
S25516A*	3 kg	\$28.50

Schiff Reagent

Color: Colorless
 Solubility in Water: Soluble
 Shelf Life: 2 years
 Test for aldehydes

MODERATE HAZARD

SOLUTION		
S25794	500 mL	\$22.50

Sebacyl Chloride

COCl(CH₂)₈COCl
 F.W. 239.14
 111-19-3, 7647-01-0, 7647-01-0
 Sebacyl Chloride
 Density: 1.121g/mL
 Color: Colorless to yellow liquid
 Solubility in Water: May decompose
 1 year

CORROSIVE

SOLUTION		
S25517	25 mL	\$91.00

Sebacyl Chloride/Hexane Solution, 4% v/v

Color: Clear, colorless
 Shelf Life: 1 year
 DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.04		
S25517A	100 mL	\$25.50

Seliwanoff Reagent

Color: Colorless
 Shelf Life: 2 years
 DOT Class 8, II: *Corrosive*

CORROSIVE

SOLUTION

S25798	100 mL	\$14.00
---------------	--------	---------

Sesame Oil

Gingilli Oil, Sextra
 CAS: 8008-74-0
 Color: Clear yellow
 Solubility in Water: Insoluble in water
 Shelf Life: 5 years
Not suitable for human consumption.

MODERATE HAZARD

LIQUID

S25518	100 mL	\$9.55
---------------	--------	--------

Silica Gel 6-12 Mesh, Non-indicating

Non-indicating Amorphous Silica
 F.W. 58.08
 CAS: 1343-98-2
 Color: White

MODERATE HAZARD

Solubility in Water: Insoluble

Shelf Life: 2 years

SOLID

S25519	500 g	\$42.00
---------------	-------	---------

Silica Gel, Indicating

Amorphous Silica
 F.W. 60.08
 Color: Blue

MODERATE HAZARD

Solubility in Water: Insoluble, chloride may leach out

Shelf Life: 2 years

SOLID

S25520	500 g	\$30.75
---------------	-------	---------

Silicon Metal

Si
 F.W. 28.09
 CAS: 7440-21-3
 Color: Silver/gray

MODERATE HAZARD

Solubility in Water: Insoluble

Shelf Life: 5 years

POWDER

S25521	100 g	\$16.00
S25521A	500 g	\$36.25

Silver

Ag
 F.W. 107.87
 CAS: 7440-22-4
 Color: Silver

MODERATE HAZARD

Solubility in Water: Insoluble

Shelf Life: 5 years

FOIL

S25522	25 g	\$167.00
---------------	------	----------

Silver Acetate

Silver Monoacetate; CH₃CO₂Ag
 F.W. 166.92
 CAS: 563-63-3
 Color: Off-white to gray
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25523	10 g	\$85.00
---------------	------	---------

Silver Nitrate

AgNO₃
 F.W. 169.87
 CAS: 7761-88-8
 Shelf Life: 5 years
 Solubility in Water: soluble
 DOT Class 5.1, II: *Oxidizer*

REACTIVE & OXIDIZING

SOLID

S25525	25 g	\$120.00
S25525A	500 g	\$1,776.00

Silver Nitrate Solutions

Color: Clear, colorless
 Solubility in Water: Soluble in water
 Shelf Life: 5 years

MODERATE HAZARD

0.1N

S25527	1 L	\$140.00
---------------	-----	----------

0.5M

S25874	500 mL	\$159.00
---------------	--------	----------

1.0N

S25526	100 mL	\$62.00
---------------	--------	---------

S25526A	500 mL	\$326.00
----------------	--------	----------

Silver Oxide

Argentous Oxide; Ag₂O
 F.W. 231.74
 CAS: 20667-12-3
 Color: Brown/black
 Shelf Life: 5 years
 DOT Class 5.1 (8), II: *Oxidizer*

REACTIVE & OXIDIZING

SOLID

S25528	25 g	\$113.00
---------------	------	----------

Sodium Acetate, Anhydrous

Acetic Acid Sodium Salt; CH₃CO₂Na
 F.W. 82.03
 CAS: 127-09-3
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25530	100 g	\$11.00
S25530A	500 g	\$20.25

Sodium Acetate, Trihydrate

Acetic Acid, Sodium Salt, Trihydrate;
 CH₃CO₂Na·3H₂O
 F.W. 136.08
 CAS: 6131-90-4
 Color: White

MODERATE HAZARD

Solubility in Water: Soluble in water, ether

Shelf Life: 2 years

REAGENT GRADE

S25531	500 g	\$22.00
---------------	-------	---------

Sodium Benzoate

Benzoic Acid, Sodium Salt; C₆H₅CO₂Na
 F.W. 144.11
 CAS: 532-32-1
 Color: White

MODERATE HAZARD

Solubility in Water: Soluble

Shelf Life: 5 years

LAB GRADE - SOLID

S25532	100 g	\$14.75
---------------	-------	---------

Sodium Bicarbonate

Sodium Hydrogen Carbonate; NaHCO₃
 F.W. 84.01
 CAS: 144-55-8

MODERATE HAZARD

Solubility in Water: Slightly soluble in water

Shelf Life: 5 years

LAB GRADE

S25533C	500 g	\$7.15
S25533A	2.5 kg	\$18.50

REAGENT GRADE

S25533	500 g	\$12.50
S25533B	3 kg	\$32.75

Sodium Bismuthate (V)

NaBiO₃
 F.W. 279.97
 CAS: 12232-99-4
 Color: Yellow/brown

MODERATE HAZARD

Solubility in Water: Insoluble in cold, decomposes in heat

Shelf Life: 2 years

REAGENT GRADE

S25534	10 g	\$59.00
---------------	------	---------

Sodium Bisulfate, Monohydrate

Sodium Hydrogen Sulfate; NaHSO₄·H₂O
 F.W. 138.08
 CAS: 10034-88-5
 Color: Colorless

CORROSIVE

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 8, III: *Corrosive***REAGENT GRADE - SOLID**

S25535A	500 g	\$38.50
----------------	-------	---------



Sodium Bisulfite

Sodium Hydrogen Sulfite; NaHSO₃
 F.W. 104.07
 CAS: 7631-90-5
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 8, III: Corrosive

CORROSIVE

REAGENT GRADE

S25536	100 g	\$9.35
S25536A	500 g	\$15.25

Sodium Borate, Decahydrate

Borax; Na₂B₄O₇·10H₂O
 F.W. 381.42
 CAS: 1303-96-4
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25537B	500 g	\$16.00
REAGENT GRADE		
S25537	100 g	\$9.05
S25537A	500 g	\$24.75

Sodium Bromide

Bromide Salt of Sodium; NaBr
 F.W. 102.9
 CAS: 7647-15-6
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE

S25538	100 g	\$13.00
S25538A	500 g	\$27.25

Sodium Carbonate

Na₂CO₃
 F.W. 105.99
 CAS: 497-19-8
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25539	100 g	\$3.30
S25539A	500 g	\$10.75
S25539D	2 kg	\$18.50
REAGENT GRADE		
S25539B	500 g	\$15.50

Sodium Carbonate, Monohydrate

Soda Ash Monohydrate; Na₂CO₃·H₂O
 F.W. 124.00
 CAS: 5968-11-6
 Color: White
 Solubility in Water: Partially soluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25539C	500 g	\$24.25
---------	-------	---------

Sodium Chlorate

NaClO₃
 F.W. 106.44
 CAS: 7775-09-9
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 5.1, II: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE - CRYSTALS

S25540	500 g	\$18.00
S25540A	2 kg	\$36.25

Sodium Chloride

Salt; NaCl
 F.W. 58.44
 CAS: 7647-14-5
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25542	500 g	\$7.70
REAGENT GRADE		
S25541	500 g	\$11.50
S25541A	2.5 kg	\$22.00
S25542A	3 kg	\$52.25
S25541B	12 kg	\$44.00
SOLID - ROCK SALT		
S25543	2.5 kg	\$11.75

Sodium Chloride Solutions

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25875	500 mL	\$6.10
--------	--------	--------

0.5M

S25876	500 mL	\$9.80
--------	--------	--------

1M

S25877	500 mL	\$4.85
--------	--------	--------

Sodium Chromate, Anhydrous

Chromic Acid; Na₂CrO₄
 F.W. 161.97
 CAS: 7775-11-3
 Color: Yellow
 Solubility in Water: Soluble
 Shelf Life: 1 year
 DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE

S25544	100 g	\$16.25
--------	-------	---------

Sodium Citrate, Dihydrate

Citric Acid Trisodium Salt Trihydrate;
 Na₃C₆H₅O₇·2H₂O
 F.W. 294.10
 CAS: 6132-04-3
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE

S25545	500 g	\$18.50
--------	-------	---------

Sodium Dichromate Solution, 0.1M

Color: Yellow/Orange
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M

S25879***	500 mL	\$11.25
-----------	--------	---------

Sodium Dichromate, Dihydrate

Sodium Bichromate; Na₂Cr₂O₇·2H₂O
 F.W. 298.00
 CAS: 7789-12-0

REACTIVE & OXIDIZING

Color: Reddish/orange
 Solubility in Water: Soluble
 Shelf Life: 1 year
 DOT Class 5.1, III: Oxidizer

LAB GRADE

S25546***	100 g	\$9.00
S25546A***	500 g	\$21.00

Sodium Fluoride

NaF
 F.W. 41.99

HEALTH HAZARD

CAS: 7681-49-4
 Color: White/off-white
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 6.1, III: Poison

LAB GRADE - SOLID

S25547	100 g	\$16.50
S25547A	500 g	\$24.75

Sodium Hydroxide

Caustic Soda; NaOH
 F.W. 40.00

CORROSIVE

CAS: 1310-73-2
 Color: White
 Solubility in Water: Soluble in water
 Shelf Life: 2 years
 DOT Class 8, II: Corrosive

LAB GRADE

S25548B	500 g	\$12.50
REAGENT GRADE		
S25548	100 g	\$10.00
S25548A	500 g	\$22.00
S25548C	1 kg	\$70.75
S25548D	3 kg	\$108.00

Sodium Hydroxide Solution, 0.1N

Caustic Soda
 Color: Clear, colorless

MODERATE HAZARD

Solubility in Water: Soluble in water
 Shelf Life: 2 years

0.1N

S25551	500 mL	\$7.20
--------	--------	--------

Sodium Hydroxide Solution, 0.2M

Caustic Soda
 Color: Clear, colorless

MODERATE HAZARD

Solubility in Water: Soluble in water
 Shelf Life: 2 years

0.2M

S25880	500 mL	\$12.75
--------	--------	---------

Sodium Hydroxide Solution, 10N

Caustic Soda

Color: Clear solution

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

10N		
S25550	1 L	\$19.00

Sodium Hydroxide Solutions, 1M/1N

Caustic Soda

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

1M SOLUTION		
S25549A	1 L	\$9.35
1N SOLUTION		
S25549	1 L	\$16.25

Sodium Hydroxide Solutions, Various

Caustic Soda

Color: Clear

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: Corrosive

CORROSIVE

0.5M		
S25881	500 mL	\$10.50
3M		
S25884	500 mL	\$13.00
0.5		
S25882	500 mL	\$23.50
6M		
S25883	500 mL	\$14.75

Sodium Hypochlorite Solution, 13%

NaOCl

F.W. 74.44

CAS: 7681-52-9

Color: Clear, light yellow-green

Solubility in Water: Soluble in water

Shelf Life: One year

DOT Class 8, III: Corrosive

CORROSIVE

0.13		
S25552	500 mL	\$9.25

Sodium Iodate

Iodic Acid; NaIO₃

F.W. 197.90

CAS: 7681-55-2

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

REAGENT GRADE		
S25553	100 g	\$47.25

Sodium Iodide

Sodium Monoiodide; NaI

F.W. 149.89

CAS: 7681-82-5

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE		
S25554	100 g	\$38.00
S25554A	500 g	\$152.00
1M		
S25555	500 mL	\$56.75

Sodium Metal

Natrium; Na

F.W. 22.99

CAS: 7440-23-5

Color: Light Silver

Solubility in Water: Reacts with water

Shelf Life: 2 years

DOT Class 4.3, I: Dangerous When Wet

FLAMMABLE

LAB GRADE		
S25556	10 g	\$37.00
S25556A	100 g	\$63.50

Sodium Nitrate

Chile saltpeter; NaNO₃

F.W. 84.99

CAS: 7631-99-4

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 5.1, III: Oxidizer

REACTIVE & OXIDIZING

LAB GRADE		
S25558	100 g	\$9.70
S25558A	500 g	\$12.00
S25558B	2 kg	\$26.50
REAGENT GRADE		
S25557	500 g	\$26.00

Sodium Nitrate Solution

NNaO₃

F.W. 84.99

7631-99-4, 7732-18-5

Sodium Nitrate Solution, 1M

Density: 1.00g/mL at 20&deg;C

Color: Clear, Colorless Liquid

Solubility in Water: Soluble in water
2 years

MODERATE HAZARD

1M		
S25559	60 mL	\$11.75

Sodium Nitrite

Nitrous Acid, Sodium Salt; NaNO₂

F.W. 69.00

CAS: 7632-00-0

Color: Light yellow

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 5.1 (6.1), III: Poison

REACTIVE & OXIDIZING

REAGENT GRADE		
S25560	100 g	\$16.25
S25560A	500 g	\$33.50

Sodium Oxalate

Ethanedioic Acid; Na₂C₂O₄

F.W. 134.00

CAS: 62-76-0

Color: White

Solubility in Water: Moderately soluble in water

Shelf Life: 1 year

DOT Class 6.1, III: Poison

HEALTH HAZARD

REAGENT GRADE		
S25561	25 g	\$7.10
S25561A	100 g	\$22.50
S25561B	500 g	\$65.75

Sodium Oxalate Solution, 0.1M

Color: Clear

Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25888	500 mL	\$10.50

Sodium Phosphate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25889	500 mL	\$14.75

Sodium Phosphate, Dibasic, Anhydrous

Disodium Hydrogen Phosphate; Na₂HPO₄

F.W. 141.96

CAS: 7758-79-4

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25563	100 g	\$13.50
S25563A	500 g	\$31.00

Sodium Phosphate, Dibasic, Heptahydrate

Disodium hydrogen phosphate

heptahydrate; Na₂HPO₄·7H₂O

F.W. 268.07

CAS: 7782-85-6

Color: White

Shelf Life: 5 years

MODERATE HAZARD

CRYSTALS		
S25837	500 g	\$34.00

Sodium Phosphate, Monobasic

Monosodium Dihydrogen Phosphate

Monohydrate; NaH₂PO₄·H₂O

F.W. 137.99

CAS: 10049-21-5

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE - CRYSTALS		
S25562A	100 g	\$14.00



Sodium Phosphate, Monobasic, Anhydrous

Sodium Dihydrogen Phosphate; NaH_2PO_4
 F.W. 120.00
 CAS: 7558-80-7
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

SOLID		
S25562	100 g	\$24.25

Sodium Phosphate, Tribasic, Dodecahydrate

Trisodium Orthophosphate Dodecahydrate; $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$
 F.W. 380.12
 CAS: 10101-89-0
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 8, II: Corrosive

CORROSIVE

REAGENT GRADE		
S25564	500 g	\$17.00

Sodium Silicate Solution, 37%

Liquid Sodium Silicate
 CAS: 1344-09-8
 Color: Colorless
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

0.37		
S25566	500 mL	\$11.50
S25566A	1 L	\$35.00
S25566B	3.785 L	\$30.25

Sodium Silicate, Nonahydrate

Sodium Metasilicate; $\text{Na}_2\text{SiO}_3 \cdot 9\text{H}_2\text{O}$
 F.W. 284.19
 CAS: 13517-24-3
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 8, III: Corrosive

CORROSIVE

SOLID		
S25567	500 g	\$50.00

Sodium Sulfate Solution, 0.1M

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

LIQUID		
S25890	500 mL	\$11.00

Sodium Sulfate, Anhydrous

Disodium Sulfate; Na_2SO_4
 F.W. 142.04
 CAS: 7757-82-6
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25568	100 g	\$8.95
S25568A	500 g	\$18.25

Sodium Sulfate, Decahydrate

Disodium Sulfate Decahydrate;
 $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$
 F.W. 322.19
 CAS: 7727-73-3
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25569	500 g	\$54.25

Sodium Sulfide Solution, 0.1M

Color: Clear
 Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25891	500 mL	\$10.00

Sodium Sulfide, Nonahydrate

Sodium Monosulfide Nonahydrate;
 $\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$
 F.W. 240.18
 CAS: 1313-84-4
 Color: Light yellow
 Solubility in Water: Partly
 Shelf Life: 1 year
 DOT Class 8, II: Corrosive

CORROSIVE

LAB GRADE		
S25570	100 g	\$19.50
S25570A	500 g	\$57.75

Sodium Sulfite Solution, 1.0M

Color: Clear
 Solubility in Water: Infinite

MODERATE HAZARD

0.1M		
S25892	500 mL	\$11.00

Sodium Sulfite, Anhydrous

Disodium Sulfite; Na_2SO_3
 F.W. 126.04
 CAS: 7757-83-7
 Color: Off-white
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25571	500 g	\$13.50

Sodium Thiocyanate

Sodium Rhodanate; NaSCN
 F.W. 81.07
 CAS: 540-72-7
 Color: White
 Solubility in Water: Soluble in water
 Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25572	100 g	\$20.00
S25572A	500 g	\$38.75

Sodium Thiosulfate Solution, 0.1M

Color: Clear
 Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25893	500 mL	\$7.25

Sodium Thiosulfate, Anhydrous

Sodium Hyposulfite; $\text{Na}_2\text{S}_2\text{O}_3$
 F.W. 158.11
 CAS: 7772-98-7
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25573A	500 g	\$19.50

Sodium Thiosulfate, Pentahydrate

Sodium Hyposulfite Pentahydrate;
 $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
 F.W. 248.18
 CAS: 10102-17-7
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 1 year

MODERATE HAZARD

REAGENT GRADE		
S25574	100 g	\$12.25
S25574A	500 g	\$25.00
S25574B	1 kg	\$18.50
S25574C	2.5 kg	\$48.00

Spermaceti Wax

Sperm Whale Wax
 CAS: 8002-23-1
 Color: Waxy
 Solubility in Water: Insoluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25795	100 g	\$22.75

Stannous Chloride, Dihydrate

Tin (II) Chloride Dihydrate; $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$
 F.W. 225.63
 CAS: 10025-69-1
 Color: Colorless
 Solubility in Water: Soluble
 Shelf Life: 1 year
 DOT Class 8, III: Corrosive

CORROSIVE

LAB GRADE		
S25578	25 g	\$17.75
S25578A	100 g	\$41.00
S25578B	500 g	\$88.00

StarchAmylodextrin; (C₆H₁₀O₅)_n

CAS: 9005-25-8

Color: White

Solubility in Water: Slightly Soluble

Shelf Life: 5 years

MODERATE HAZARD

0.5% SOLUTION

S25581 500 mL \$12.75

1% SOLUTION

S25584 250 mL \$10.25

5% SOLUTION

S25579 500 mL \$11.75

POWDER - CORN STARCH

S25580 500 g \$13.25

S25580A 2.5 kg \$32.00

POWDER - POTATO STARCH

S25583 500 g \$31.75

POWDER - SOLUBLE STARCH - LAB GRADE

S25582 100 g \$22.50

S25582A 500 g \$72.50

Stearic Acid

1-Heptadecanecarboxylic Acid;

CH₃(CH₂)₁₆COOH

F.W. 284.47

CAS: 57-11-4

Color: White

Solubility in Water: Slightly soluble

Shelf Life: 5 years

DOT Class 4.1, III: *Flammable Solid*

FLAMMABLE

LAB GRADE

S25585 250 g \$19.00

Steel

Color: Gray

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

STEEL SHOT

S25587 500 g \$10.25

Strontium Chloride, HexahydrateSrCl₂·6H₂O

F.W. 266.62

CAS: 10025-70-4

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

MODERATE HAZARD

LAB GRADE

S25588A 100 g \$14.50

S25588B 500 g \$36.75

Strontium NitrateSr(NO₃)₂

F.W. 211.63

CAS: 10042-76-9

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

DOT Class 5.1, III: *Oxidizer*

REACTIVE & OXIDIZING

LAB GRADE

S25589 100 g \$14.50

S25589A 500 g \$29.50

Succinic AcidButanedioic Acid; (CH₂COOH)₂

F.W. 118.09

CAS: 110-15-6

Color: Colorless

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

CRYSTALS

S25790 100 g \$25.50

SucroseC₁₂H₂₂O₁₁

F.W. 342.30

CAS: 57-50-1

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25590 500 g \$19.50

S25590A 1 kg \$25.25

S25590B 2.5 kg \$42.75

Sudan III2-Naphthalenol; C₂₂H₁₆N₄O

F.W. 352.40

CAS: 85-86-9

Color: Dark red to brown

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.1, II: *Flammable Solid*

FLAMMABLE

SOLID

S25593 10 g \$15.00

S25593A 25 g \$25.25

Sudan III, 0.2% in Alcohol Solution

Color: Red

Solubility in Water: Infinite

Shelf Life: 18 months

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.002

S25591 100 mL \$11.50

Sudan IVC₂₄H₂₀N₄O

F.W. 380.17

85-83-6

Sudan IV

Density: 0.78g/mL

Color: Dark Red to Brown Powder

Solubility in Water: Insoluble

5 years

MODERATE HAZARD

SOLID

S25594 10 g \$23.75

Sudan IV, 0.05% in Acetone Solution

Oil Red

Color: Red

Solubility in Water: Soluble in water

Shelf Life: 18 months

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.0005

S25592 100 mL \$13.25

Sulfamic AcidAmidosulfonic Acid; H₂NSO₃H

F.W. 97.09

CAS: 5329-14-6

Color: White

Solubility in Water: Soluble

Shelf Life: 12 months

DOT Class 8, III: *Corrosive*

CORROSIVE

SOLID

S25792 50 g \$15.00

Sulfanilic Acid

p-Aminobenzene Sulfonic Acid;

NH₂C₆H₄SO₃H·H₂O

F.W. 173.19

CAS: 121-57-3

Color: off/white

Solubility in Water: Slightly

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25793A 100 g \$62.50

Sulfur

Sulphur; S

F.W. 32.06

CAS: 7704-34-9

Color: Yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 9, III: *Miscellaneous*

FLAMMABLE

LAB GRADE - FLOWERS

S25596 100 g \$9.70

S25596A 500 g \$13.50

S25596B 2.5 kg \$28.75

REAGENT GRADE - ROLL

S25595 500 g \$6.00

Sulfuric Acid Solution, 0.05M/0.1M

Color: Clear

Solubility in Water: Infinite

Shelf Life: 2 years

MODERATE HAZARD

0.05M

S25895* 500 mL \$14.50

0.1M

S25896* 500 mL \$11.75

Sulfuric Acid SolutionsH₂SO₄

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: *Corrosive*

CORROSIVE

1N

S25598* 500 mL \$11.50

10N

S25599* 500 mL \$20.50

1N

S25598A* 1 L \$15.75



Sulfuric Acid Solutions, Various

Color: Clear
 Solubility in Water: Infinite
 Shelf Life: 2 years
 DOT Class 8, II: *Corrosive*

CORROSIVE

1M		
S25897*	500 mL	\$14.25
2M		
S25898*	500 mL	\$17.25
3M		
S25899*	500 mL	\$15.75
6M		
S25900*	500 mL	\$19.50

Sulfuric Acid, pH 3 to 3.5

H₂SO₄
 Color: Clear Colorless
 Solubility in Water: Infinite
 Shelf Life: 2 years

MODERATE HAZARD

PH 3 TO 3.5		
S25599A*	1 L	\$9.15

Sulfuric Acid, Reagent/ACS Grades

H₂SO₄
 F.W. 98.07
 CAS: 7664-93-9
 Color: Clear, colorless
 Solubility in Water: Soluble in water
 Shelf Life: 2 years
 DOT Class 8, II: *Corrosive*

CORROSIVE

ACS GRADE - SAFECOTE		
S25597*	500 mL	\$31.75
REAGENT GRADE		
S25894*	2.5 L	\$50.00

Talc

Talcum; Soapstone; 3MgO·4SiO₂·H₂O
 F.W. 166.40
 CAS: 14807-96-6
 Color: off/white
 Solubility in Water: Insoluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25799*	500 g	\$18.50

Tannic Acid

Tannin; C₇₆H₄₂O₄₆
 F.W. 1701.22
 CAS: 1401-55-4
 Color: Yellow-Brown
 Solubility in Water: Soluble
 Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25600	100 g	\$25.25

Tartaric Acid

Threatic Acid; HO₂CCH(OH)CH(OH)CO₂H
 F.W. 150.09
 CAS: 87-69-4
 Color: White
 Solubility in Water: Water soluble
 Shelf Life: 5 years

MODERATE HAZARD

LAB GRADE		
S25601	100 g	\$17.50
S25601A	500 g	\$32.75

Tetrahydrofuran

THF; C₄H₈O
 F.W. 72.11
 CAS: 109-99-9
 Color: Colorless
 Solubility in Water: Soluble
 Shelf Life: 1 year
 DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

SOLUTION		
S25802	100 mL	\$27.75

Thermit Kit

Contains: Ferric(ous) Oxide-Black and Aluminum Metal-Fine Powder Procedure: Mix contents to create Thermit Mixture Ignition Temperature: approx. 1200°C

KIT		
S25602	Ea.	\$55.50

Thionin Solution

Color: Purple
 Shelf Life: 5 years

MODERATE HAZARD

SOLUTION		
S25817	100 mL	\$26.25

Thymol

Thymic Acid; CH₃(C₃H₇)C₆H₃OH
 F.W. 150.22
 CAS: 89-83-8
 Color: White
 Solubility in Water: Soluble
 Shelf Life: 5 years
 DOT Class 8, III: *Corrosive*

CORROSIVE

LAB GRADE		
S25603	100 g	\$26.00

Thymol Blue Solution, 0.04%

Color: Clear, dark blue/green
 Solubility in Water: Infinite
 Shelf Life: 18 months

MODERATE HAZARD

0.0004		
S25605	100 mL	\$11.00

Thymol Blue, Sodium Salt

Thymolsulfonephthalein; C₂₇H₂₉NaO₅S
 F.W. 466.267
 CAS: 81012-93-3
 Color: Green-red to Brown
 Solubility in Water: Water soluble
 Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25604	5 g	\$15.00

Thymolphthalein

TP; C₂₈H₃₀O₄
 F.W. 430.52
 CAS: 125-20-2
 Color: White
 Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25606	5 g	\$19.75

Thymolphthalein Solution, 0.04%

Color: Clear, colorless
 Solubility in Water: Completely soluble
 Shelf Life: 18 months
 DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

0.0004		
S25607	100 mL	\$9.85

Tin

Metallic Tin; Sn
 F.W. 118.70
 CAS: 7440-31-5
 Color: Gray

MODERATE HAZARD

Solubility in Water: Slightly soluble in hot water
 Shelf Life: 5 years

REAGENT GRADE - MOSSY		
S25609	100 g	\$29.25
S25609A	500 g	\$154.00
REAGENT GRADE - POWDER		
S25608	100 g	\$35.50
REAGENT GRADE - SHOT		
S25610	100 g	\$42.00

Titanium Dioxide

Anatase; TiO₂
 F.W. 79.88
 CAS: 13463-67-7
 Color: White

MODERATE HAZARD

Solubility in Water: Insoluble
 Shelf Life: 5 years

SOLID		
S25818	100 g	\$21.50

Toluene

Tol, Methylbenzene; CH₃C₆H₅
 F.W. 92.14
 CAS: 108-88-3
 Color: Clear

FLAMMABLE

Solubility in Water: Insoluble
 Shelf Life: 2 years
 DOT Class 3, II: *Flammable Liquid*

SOLUTION		
S25611**	500 mL	\$14.75
S25611A**	1 L	\$23.50

Toluidine Blue O Solution, 0.5%

Color: Clear, bluish-purple
 Solubility in Water: Infinite
 Shelf Life: 18 months

MODERATE HAZARD

0.005		
S25612	15 mL	\$7.25
S25613	100 mL	\$16.00

Trichloroacetic AcidTrichloroethanoic Acid; CCl_3COOH

F.W. 163.39

CAS: 76-03-9

Color: White

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: *Corrosive*

CORROSIVE

LAB GRADE

S25614*	100 g	\$21.50
---------	-------	---------

Triethanolamine2,2,2-Nitrioltriethanol; $\text{N}(\text{CH}_2\text{CH}_2\text{OH})_3$

F.W. 149.19

CAS: 102-71-6

Color: Light yellow

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25615	500 mL	\$73.50
--------	--------	---------

Tris Borate EDTA

TBE 5X Buffer

Color: Clear, colorless

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

LIQUID

S25616	500 mL	\$14.75
--------	--------	---------

Tris(hydroxymethyl) AminomethaneTHAM; $\text{H}_2\text{NC}(\text{CH}_2\text{OH})_3$

F.W. 121.14

CAS: 77-86-1

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25617	100 g	\$50.00
--------	-------	---------

Trypsin

Trypsin

CAS: 9002-07-7

Color: White

Solubility in Water: Soluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID

S25839	25 g	\$120.00
S25618	100 g	\$81.00

Tryptone

CAS: 73049-73-7

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25827	100 g	\$46.75
--------	-------	---------

L-Tyrosine

3-(4-Hydroxyphenyl)-L-Alanine;

 $\text{HOOC}_6\text{H}_4\text{CH}_2\text{CH}(\text{NH}_2)\text{CO}_2\text{H}$

F.W. 181.19

CAS: 60-18-4

Color: White

Solubility in Water: Slightly

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25829	5 g	\$19.75
--------	-----	---------

Universal Indicator Solution

Universal pH Indicator

Color: Clear green

Solubility in Water: Soluble in water

Shelf Life: 18 months

DOT Class 3, II: *Flammable Liquid*

FLAMMABLE

COLOR CHART

S25619	Ea.	\$3.70
--------	-----	--------

SOLUTION

S25363B	100 mL	\$12.50
---------	--------	---------

S25363	500 mL	\$23.75
--------	--------	---------

SOLUTION WITH COLOR CHART

S25363A	1 L	\$31.50
---------	-----	---------

UreaCarbamide Resin; NH_2CONH_2

F.W. 60.06

CAS: 57-13-6

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE

S25620	100 g	\$9.00
--------	-------	--------

S25620A	500 g	\$15.25
---------	-------	---------

Urease

Urea Amidohydrolyase

CAS: 9002-13-5

Color: White-yellow

Solubility in Water: Soluble in water

Shelf Life: 5 years

MODERATE HAZARD

SOLID

S25621	10 g	\$22.25
--------	------	---------

Vegetable Oil

Soybean Oil

CAS: 8001-22-7

Color: Clear, yellow

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLUTION

S25622A	32 oz.	\$20.00
---------	--------	---------

S25622	500 mL	\$6.30
--------	--------	--------

Vinegar

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 5 years

MODERATE HAZARD

LIQUID - CIDER

S25624	1 L	\$13.75
--------	-----	---------

S25624A	3.8 L	\$15.00
---------	-------	---------

LIQUID - WHITE

S25623	500 mL	\$9.15
--------	--------	--------

S25623A	3.8 L	\$14.75
---------	-------	---------

Water

F.W. 18.02

CAS: 7732-18-5

Color: Clear

Shelf Life: 5 years

Use: Not for human consumption

MODERATE HAZARD

DEIONIZED, TYPE II

S25293	4 L	\$13.75
--------	-----	---------

DISTILLED

S25868	1 gal.	\$16.00
--------	--------	---------

Winkler's Solution No. 2

Oxygen Determining Solution

Color: Clear, colorless

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 8, II: *Corrosive*

CORROSIVE

SOLUTION

S25625	500 mL	\$11.50
--------	--------	---------

Wright's Blood Stain Buffer

Giordan pH 6.4

Color: Clear, colorless

Solubility in Water: Infinite

Shelf Life: 2 years

MODERATE HAZARD

SOLUTION

S25628	1 L	\$61.50
--------	-----	---------

XylenesXylol; $\text{C}_6\text{H}_4(\text{CH}_3)_2$

F.W. 106.17

CAS: 1330-20-7

Color: Clear

Solubility in Water: Insoluble

Shelf Life: 2 years

DOT Class 3, III: *Flammable Liquid*

FLAMMABLE

SOLUTION

S25629*	500 mL	\$14.75
---------	--------	---------

Yeast, Active, Dry

Brewer's

CAS: 8013-01-2

Color: Tan

Solubility in Water: Soluble in water

Shelf Life: 2 years

MODERATE HAZARD

POWDER

S25632	100 g	\$13.00
--------	-------	---------

S25632A	500 g	\$25.00
---------	-------	---------



Yeast, Brewer's

CAS: 68876-77-7

Color: Yellow-white to yellow-orange

Solubility in Water: 20% in water

Shelf Life: 2 years

MODERATE HAZARD

SOLID		
S25631	100 g	\$24.25

Zeolite

Cationic Exchange Resins

CAS: 1318-02-1

Color: White

Solubility in Water: Insoluble

Shelf Life: 5 years

MODERATE HAZARD

SOLID		
S25834	500 g	\$34.00

Zinc Acetate, Dihydrate $(\text{CH}_3\text{CO}_2)_2\text{Zn}\cdot 2\text{H}_2\text{O}$

F.W. 219.50

CAS: 5970-45-6

Color: White

Solubility in Water: Soluble

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE		
S25634	100 g	\$11.00

Zinc ChlorideZinc Butter; ZnCl_2

F.W. 136.29

CAS: 7646-85-7

Color: White

Solubility in Water: Soluble

Shelf Life: 1 year

DOT Class 8, III: *Corrosive*

CORROSIVE

REAGENT GRADE		
S25635A	100 g	\$11.00
S25635	500 g	\$15.25

Zinc Nitrate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25901	500 mL	\$11.00

Zinc Nitrate, Hexahydrate $\text{Zn}(\text{NO}_3)_2\cdot 6\text{H}_2\text{O}$

F.W. 297.47

CAS: 10196-18-6

Color: White

Solubility in Water: Soluble in water

Shelf Life: 5 years

DOT Class 5.1, II: *Oxidizer*

REACTIVE & OXIDIZING

REAGENT GRADE		
S25640	100 g	\$14.25
S25640A	500 g	\$29.25

Zinc Oxide

ZnO

F.W. 81.38

CAS: 1314-13-2

Color: Off-White

Solubility in Water: Insoluble in water

Shelf Life: 5 years

DOT Class 9, III: *Miscellaneous*

HEALTH HAZARD

REAGENT GRADE		
S25641	500 g	\$25.50

Zinc Sulfate Solution, 0.1M

Color: Clear

Solubility in Water: Soluble in water

MODERATE HAZARD

0.1M		
S25902	500 mL	\$4.40

Zinc Sulfate, HeptahydrateZinc Vitriol; $\text{ZnSO}_4\cdot 7\text{H}_2\text{O}$

F.W. 287.54

CAS: 7446-20-0

Color: White

Solubility in Water: Soluble in water

Shelf Life: 2 years

DOT Class 9, III: *Miscellaneous*

HEALTH HAZARD

REAGENT GRADE		
S25642	100 g	\$10.75
S25642A	500 g	\$23.25

Zinc Sulfide

ZnS

F.W. 97.44

CAS: 1314-98-3

Color: Off-white

Solubility in Water: Insoluble

Shelf Life: 2 years

MODERATE HAZARD

SOLID		
S25643	500 g	\$16.75

Zinc, Granular

Zn

F.W. 65.38

CAS: 7440-66-6

Color: Gray

Solubility in Water: Reacts with water

Shelf Life: 5 years

MODERATE HAZARD

REAGENT GRADE - 20 TO 30 MESH		
S25633	500 g	\$57.00

Zinc, Metal Pieces

Zn

F.W. 65.38

CAS: 7440-66-6

Color: Gray

Solubility in Water: Insoluble

Shelf Life: 5 years

Reacts with water or moisture

MODERATE HAZARD

PIECES (1 X 1.2 X 0.05CM)		
S25644	100/Pk	\$33.00

Zinc, Metal Powder

Zinc Dust; Zn

F.W. 65.37

CAS: 7440-66-6

Color: Light Blue

Solubility in Water: Insoluble

Shelf Life: 5 years

DOT Class 4.3, II: *Flammable*

Reacts with water or moisture

FLAMMABLE

REAGENT GRADE - SOLID		
S25637	500 g	\$53.50

Zinc, Mossy

Zn

F.W. 65.38

CAS: 7440-66-6

Color: Blue/Gray/White

Solubility in Water: Reacts with water

Shelf Life: 5 years

Reacts with water or moisture

MODERATE HAZARD

LAB GRADE		
S25636B	500 g	\$31.00
REAGENT GRADE		
S25636	500 g	\$31.00
S25636A	2.5 kg	\$83.00

Zinc, Sheet

Zn

F.W. 65.38

CAS: 7440-66-6

Color: Gray

Solubility in Water: Reacts with water

Shelf Life: 5 years

Reacts with water or moisture

MODERATE HAZARD

SHEET		
S25638	12 x 12 in.	\$33.25
S25638A	6 x 12 in.	\$20.00

Zinc, Shot

Zinc Dust; Zn

F.W. 65.38

CAS: 7440-66-6

Color: Gray

Solubility in Water: Reacts with water

Shelf Life: 5 years

Reacts with water or moisture

MODERATE HAZARD

REAGENT GRADE		
S25639	100 g	\$21.75

Zinc, Strips

Zn

F.W. 65.38

CAS: 7440-20-0

Density: 7.14 g/cm³ at 20°C

Boiling Point: 908°C

Melting Point: 419°C

STRIPS		
S25910	2 x 1/4 in.	\$16.50

Terms and Conditions of Sale

Unless otherwise expressly agreed in writing, all sales are subject to the following terms and conditions:

GENERAL: Fisher Scientific Company L.L.C. ("Seller") hereby offers for sale to the buyer named in the order ("Buyer") the products listed on the face hereof (the "Products") on the express condition that Buyer agrees to accept and be bound by the terms and conditions set forth herein. Any provisions contained in any document issued by Buyer are expressly rejected and if the terms and conditions in this Agreement differ from the terms of Buyer's offer, this document shall be construed as a counter offer and shall not be effective as an acceptance of Buyer's document. Buyer's receipt of Products or Seller's commencement of the services provided hereunder will constitute Buyer's acceptance of this Agreement. This is the complete and exclusive statement of the contract between Seller and Buyer with respect to Buyer's purchase of the Products. No waiver, consent, modification, amendment or change of the terms contained herein shall be binding on Seller unless in writing and signed by Seller and Buyer. Notwithstanding the foregoing, Seller reserves the right to make changes to these Terms and Conditions of Sale at any time by posting such changes here, and such changes shall apply to orders of Products made by Buyer thereafter. Seller's failure to object to terms contained in any subsequent communication from Buyer will not be a waiver or modification of the terms set forth herein. All orders are subject to acceptance in writing by an authorized representative of Seller. Seller reserves the right to reject any order for any reason. By purchasing products from Seller, Buyer agrees that it is purchasing the Products only for its own use and not for purposes of resale. Products purchased pursuant to these Terms and Conditions may not be sold or transferred to any person or entity for purposes of resale. Seller reserves the right to take any action it deems necessary to address Buyer's violation of these terms, including, but not limited to, the suspension of Buyer's ability to purchase Products.

PRICE: All prices published by Seller or quoted by Seller's representatives may be changed at any time without notice. All prices quoted by Seller or Seller's representatives are valid for thirty (30) days, unless otherwise stated in writing. All prices for the Products will be as specified by Seller or, if no price has been specified or quoted, will be Seller's price in effect at the time of shipment. All prices are subject to adjustment on account of specifications, quantities, raw materials, cost of production, shipment arrangements or other terms or conditions which are not part of Seller's original price quotation. List prices may vary from the price displayed on the website for certain products.

TAXES AND OTHER CHARGES: Prices for the Products exclude all sales, value added and other taxes and duties imposed with respect to the sale, delivery, or use of any Products covered hereby, all of which taxes and duties must be paid by Buyer. If Buyer claims any exemption, Buyer must provide a valid, signed certificate or letter of exemption for each respective jurisdiction.

TERMS OF PAYMENT: Seller may invoice Buyer upon shipment for the price and all other charges payable by Buyer in accordance with the terms on the face hereof. If no payment terms are stated on the face hereof, payment shall be net thirty (30) days from the date of invoice. If Buyer fails to pay any amounts when due, Buyer shall pay Seller interest thereon at a periodic rate of one and one-half percent (1.5%) per month (or, if lower, the highest rate permitted by law), together with all costs and expenses (including without limitation reasonable attorneys' fees and disbursements and court costs) incurred by Seller in collecting such overdue amounts or otherwise enforcing Seller's rights hereunder. Seller reserves the right to require from Buyer full or partial payment in advance, or other security that is satisfactory to Seller, at any time that Seller believes in good faith that Buyer's financial condition does not justify the terms of payment specified. All payments shall be made in U.S. Dollars.

DELIVERY; CANCELLATION OR CHANGES BY BUYER: The Products will be shipped to the destination specified by Buyer, F.O.B. Seller's shipping point. Seller will have the right, at its election, to make partial shipments of the Products and to invoice each shipment separately. Seller reserves the right to stop delivery of Products in transit and to withhold shipments in whole or in part if Buyer fails to make any payment to Seller when due or otherwise fails to perform its obligations hereunder. All shipping dates are approximate only, and Seller will not be liable for any loss or damage resulting from any delay in delivery or failure to deliver which is due to any cause beyond Seller's

reasonable control. In the event of a delay due to any cause beyond Seller's reasonable control, Seller reserves the right to terminate the order or to reschedule the shipment within a reasonable period of time, and Buyer will not be entitled to refuse delivery or otherwise be relieved of any obligations as the result of such delay. Products as to which delivery is delayed due to any cause within Buyer's control may be placed in storage by Seller at Buyer's risk and expense and for Buyer's account. Orders in process may be canceled by Buyer only with Seller's written consent and upon payment of Seller's cancellation charges. Orders in process may not be changed by Buyer except with Seller's written consent and upon agreement by the parties as to an appropriate adjustment in the purchase price therefore. Credit will not be allowed for Products returned without the prior written consent of Seller.

TITLE AND RISK OF LOSS: Notwithstanding the trade terms indicated above and subject to Seller's right to stop delivery of Products in transit, title to and risk of loss of the Products will pass to Buyer upon delivery of possession of the Products by Seller to the carrier; provided, however, that title to any software incorporated within or forming a part of the Products shall at all times remain with Seller or the licensor(s) thereof, as the case may be.

WARRANTY: Seller warrants that the Products will operate or perform substantially in conformance with Seller's published specifications and be free from defects in material and workmanship, when subjected to normal, proper and intended usage by properly trained personnel, for the period of time set forth in the product documentation, published specifications or package inserts. If a period of time is not specified in Seller's product documentation, published specifications or package inserts, the warranty period shall be one (1) year from the date of shipment to Buyer for equipment and ninety (90) days for all other products (the "Warranty Period"). Seller agrees during the Warranty Period, to repair or replace, at Seller's option, defective Products so as to cause the same to operate in substantial conformance with said published specifications; provided that Buyer shall (a) promptly notify Seller in writing upon the discovery of any defect, which notice shall include the product model and serial number (if applicable) and details of the warranty claim; and (b) after Seller's review, Seller will provide Buyer with service data and/or a Return Material Authorization ("RMA"), which may include biohazard decontamination procedures and other product-specific handling instructions, then, if applicable, Buyer may return the defective Products to Seller with all costs prepaid by Buyer. Replacement parts may be new or refurbished, at the election of Seller. All replaced parts shall become the property of Seller. Shipment to Buyer of repaired or replacement Products shall be made in accordance with the Delivery provisions of the Seller's Terms and Conditions of Sale.

Consumables are expressly excluded from this warranty. If Seller elects to repair defective medical device instruments, Seller may, in its sole discretion, provide a replacement loaner instrument to Buyer as necessary for use while the instruments are being repaired.

Notwithstanding the foregoing, Products supplied by Seller that are obtained by Seller from an original manufacturer or third party supplier are not warranted by Seller, but Seller agrees to assign to Buyer any warranty rights in such Product that Seller may have from the original manufacturer or third party supplier, to the extent such assignment is allowed by such original manufacturer or third party supplier.

In no event shall Seller have any obligation to make repairs, replacements or corrections required, in whole or in part, as the result of (i) normal wear and tear, (ii) accident, disaster or event of force majeure, (iii) misuse, fault or negligence of or by Buyer, (iv) use of the Products in a manner for which they were not designed, (v) causes external to the Products such as, but not limited to, power failure or electrical power surges, (vi) improper storage and handling of the Products or (vii) use of the Products in combination with equipment or software not supplied by Seller. If Seller determines that Products for which Buyer has requested warranty services are not covered by the warranty hereunder, Buyer shall pay or reimburse Seller for all costs of investigating and responding to such request at Seller's then prevailing time and materials rates. If Seller provides repair services or replacement parts that are not covered by this warranty, Buyer shall pay Seller therefor at Seller's then prevailing time and materials rates. ANY INSTALLATION, MAINTENANCE, REPAIR, SERVICE, RELOCATION OR ALTERATION TO OR

Terms and Conditions of Sale

OF, OR OTHER TAMPERING WITH, THE PRODUCTS PERFORMED BY ANY PERSON OR ENTITY OTHER THAN SELLER WITHOUT SELLER'S PRIOR WRITTEN APPROVAL, OR ANY USE OF REPLACEMENT PARTS NOT SUPPLIED BY SELLER, SHALL IMMEDIATELY VOID AND CANCEL ALL WARRANTIES WITH RESPECT TO THE AFFECTED PRODUCTS.

THE OBLIGATIONS CREATED BY THIS WARRANTY STATEMENT TO REPAIR OR REPLACE A DEFECTIVE PRODUCT SHALL BE THE SOLE REMEDY OF BUYER IN THE EVENT OF A DEFECTIVE PRODUCT. EXCEPT AS EXPRESSLY PROVIDED IN THIS WARRANTY STATEMENT, SELLER DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, ORAL OR WRITTEN, WITH RESPECT TO THE PRODUCTS, INCLUDING WITHOUT LIMITATION ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. SELLER DOES NOT WARRANT THAT THE PRODUCTS ARE ERROR-FREE OR WILL ACCOMPLISH ANY PARTICULAR RESULT.

INDEMNIFICATION BY SELLER: Seller agrees to indemnify, defend and save Buyer, its officers, directors, and employees from and against any and all damages, liabilities, actions, causes of action, suits, claims, demands, losses, costs and expenses (including without limitation reasonable attorney's fees) ("Indemnified Items") for (i) injury to or death of persons or damage to property to the extent caused by the negligence or willful misconduct of Seller, its employees, agents or representatives or contractors in connection with the performance of services at Buyer's premises under this Agreement and (ii) claims that a Product infringes any valid United States patent, copyright or trade secret; provided, however, Seller shall have no liability under this Section to the extent any such Indemnified Items are caused by either (i) the negligence or willful misconduct of Buyer, its employees, agents or representatives or contractors, (ii) by any third party, (iii) use of a Product in combination with equipment or software not supplied by Seller where the Product would not itself be infringing, (iv) compliance with Buyer's designs, specifications or instructions, (v) use of the Product in an application or environment for which it was not designed or (vi) modifications of the Product by anyone other than Seller without Seller's prior written approval. Buyer shall provide Seller prompt written notice of any third party claim covered by Seller's indemnification obligations hereunder. Seller shall have the right to assume exclusive control of the defense of such claim or, at the option of the Seller, to settle the same. Buyer agrees to cooperate reasonably with the Seller in connection with the performance by Seller of its obligations in this Section.

Notwithstanding the above, Seller's infringement related indemnification obligations shall be extinguished and relieved if Seller, at its discretion and at its own expense (a) procures for Buyer the right, at no additional expense to Buyer, to continue using the Product; (b) replaces or modifies the Product so that it becomes non-infringing, provided the modification or replacement does not adversely affect the specifications of the Product; or (c) in the event (a) and (b) are not practical, refund to Buyer the amortized amounts paid by Buyer with respect thereto, based on a five (5) year amortization schedule. The foregoing indemnification provision states Seller's entire liability to Buyer for the claims described herein.

INDEMNIFICATION BY BUYER: Seller agrees to indemnify, defend and save Buyer, its officer, directors, and employees from and against any and all damages, liabilities, actions, causes of action, suits, claims, demands, losses, costs and expenses (including without limitation reasonable attorney's fees) ("Indemnified Items") for (i) injury to or death of persons or damage to property to the extent caused by the negligence or willful misconduct of Seller, its employees, agents or representatives or contractors in connection with the performance of services at Buyer's premises under this Agreement and (ii) claims that a Product infringes any valid United States patent, copyright or trade secret; provided, however, Seller shall have no liability under this Section to the extent any such Indemnified Items are caused by either (i) the negligence or willful misconduct of Buyer, its employees, agents or representatives or contractors, (ii) by any third party, (iii) use of a Product in combination with equipment or software not supplied by Seller where the Product would not itself be infringing, (iv) compliance with Buyer's designs, specifications or instructions, (v) use of the Product in an application or environment for which it was not designed or (vi) modifications of the Product by anyone other than Seller without Seller's prior written approval. Buyer shall provide Seller prompt written notice of any third party claim covered by Seller's indemnification obligations hereunder. Seller shall have the right to assume exclusive control of the defense of such claim or, at the

option of the Seller, to settle the same. Buyer agrees to cooperate reasonably with Seller in connection with the performance by Seller of its obligations in this Section.

Notwithstanding the above, Seller's infringement related indemnification obligations shall be extinguished and relieved if Seller, at its discretion and at its own expense (a) procures for Buyer the right, at no additional expense to Buyer, to continue using the Product; (b) replaces or modifies the Product so that it becomes non-infringing, provided the modification or replacement does not adversely affect the specifications of the Product; or (c) in the event (a) and (b) are not practical, refund to Buyer the amortized amounts paid by Buyer with respect thereto, based on a five (5) year amortization schedule. THE FOREGOING INDEMNIFICATION PROVISION STATES SELLER'S ENTIRE LIABILITY TO BUYER FOR THE CLAIMS DESCRIBED HEREIN.

Buyer shall indemnify, defend with competent and experienced counsel and hold harmless Seller, its parent, subsidiaries, affiliates and divisions, and their respective officers, directors, shareholders and employees, from and against any and all damages, liabilities, actions, causes of action, suits, claims, demands, losses, costs and expenses (including without limitation reasonable attorneys' fees and disbursements and court costs) to the extent arising from or in connection with (i) the negligence or willful misconduct of Buyer, its agents, employees, representatives or contractors; (ii) use of a Product in combination with equipment or software not supplied by Seller where the Product itself would not be infringing; (iii) Seller's compliance with designs, specifications or instructions supplied to Seller by Buyer; (iv) use of a Product in an application or environment for which it was not designed; or (v) modifications of a Product by anyone other than Seller without Seller's prior written approval.

SOFTWARE: With respect to any software products incorporated in or forming a part of the Products hereunder, Seller and Buyer intend and agree that such software products are being licensed and not sold, and that the words "purchase", "sell" or similar or derivative words are understood and agreed to mean "license", and that the word "Buyer" or similar or derivative words are understood and agreed to mean "licensee". Notwithstanding anything to the contrary contained herein, Seller or its licensor, as the case may be, retains all rights and interest in software products provided hereunder.

Seller hereby grants to Buyer a royalty-free, non-exclusive, nontransferable license, without power to sublicense, to use software provided hereunder solely for Buyer's own internal business purposes on the hardware products provided hereunder and to use the related documentation solely for Buyer's own internal business purposes. This license terminates when Buyer's lawful possession of the hardware products provided hereunder ceases, unless earlier terminated as provided herein. Buyer agrees to hold in confidence and not to sell, transfer, license, loan or otherwise make available in any form to third parties the software products and related documentation provided hereunder. Buyer may not disassemble, decompile or reverse engineer, copy, modify, enhance or otherwise change or supplement the software products provided hereunder without Seller's prior written consent. Seller will be entitled to terminate this license if Buyer fails to comply with any term or condition herein. Buyer agrees, upon termination of this license, immediately to return to Seller all software products and related documentation provided hereunder and all copies and portions thereof.

Certain of the software products provided by Seller may be owned by one or more third parties and licensed to Seller. Accordingly, Seller and Buyer agree that such third parties retain ownership of and title to such software products. The warranty and indemnification provisions set forth herein shall not apply to software products owned by third parties and provided hereunder.

LIMITATION OF LIABILITY: NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, THE LIABILITY OF SELLER UNDER THESE TERMS AND CONDITIONS (WHETHER BY REASON OF BREACH OF CONTRACT, TORT, INDEMNIFICATION, OR OTHERWISE, BUT EXCLUDING LIABILITY OF SELLER FOR BREACH OF WARRANTY (THE SOLE REMEDY FOR WHICH SHALL BE AS PROVIDED UNDER SECTION 7 ABOVE)) SHALL NOT EXCEED AN AMOUNT EQUAL TO THE LESSER OF (A) THE TOTAL PURCHASE PRICE THERETOFORE PAID BY BUYER TO SELLER WITH RESPECT TO THE PRODUCT(S) GIVING RISE TO SUCH LIABILITY OR (B) ONE MILLION DOLLARS (\$1,000,000). NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, IN NO

Terms and Conditions of Sale

EVENT SHALL SELLER BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES (INCLUDING WITHOUT LIMITATION DAMAGES FOR LOSS OF USE OF FACILITIES OR EQUIPMENT, LOSS OF REVENUE, LOSS OF DATA, LOSS OF PROFITS OR LOSS OF GOODWILL), REGARDLESS OF WHETHER SELLER (a) HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES OR (b) IS NEGLIGENT.

EXPORT RESTRICTIONS: Buyer acknowledges that each Product and any related software and technology, including technical information supplied by Seller or contained in documents (collectively "Items"), is subject to export controls of the U.S. government. The export controls may include, but are not limited to, those of the Export Administration Regulations of the U.S. Department of Commerce (the "EAR"), which may restrict or require licenses for the export of Items from the United States and their re-export from other countries. Buyer shall comply with the EAR and all other applicable laws, regulations, laws, treaties, and agreements relating to the export, re-export, and import of any Item. Buyer shall not, without first obtaining the required license to do so from the appropriate U.S. government agency; (i) export or re-export any Item, or (ii) export, re-export, distribute or supply any Item to any restricted or embargoed country or to a person or entity whose privilege to participate in exports has been denied or restricted by the U.S. government. Buyer shall cooperate fully with Seller in any official or unofficial audit or inspection related to applicable export or import control laws or regulations, and shall indemnify and hold Seller harmless from, or in connection with, any violation of this Section by Buyer or its employees, consultants, agents, or customers.

PROMOTION CODE TERMS AND CONDITIONS: Discounts are valid on the purchase of list-price items only through fishersci.com orders. One-time use only. All promotions and discounts are on Fisher Scientific cart items only. Valid in the U.S. only. To redeem, enter the promo code in the box marked promo code at checkout. Free shipping offers apply to standard shipping only. Not valid with any other promotion. Terms are subject to change. Offer void where prohibited, licensed or restricted by federal, state, provincial or local laws or regulation or agency/institutional policy. Other restrictions may apply.

ACCEPTABLE PAYMENT METHODS: The Seller prefers to receive payment via ACH or other electronic interface methods that directly exchange funds between the Buyer's and Seller's bank accounts. The Seller also accepts checks mailed to one of its lockbox remittance locations. Although the Seller does accept credit card payments at the time of purchase, it does not accept credit card payments after the point of sale.

PROMOTIONAL TERMS FOR HEALTHCARE PROVIDERS AND FEDERAL, STATE AND LOCAL GOVERNMENT CUSTOMERS: Many promotions are not available to our current or potential healthcare customers or to federal, state and local government customers.

Healthcare customers include any healthcare practitioner, other healthcare provider or any individual or organization authorized to prescribe, dispense, purchase or influence the acquisition or use of medical devices or supplies for clinical use. Healthcare customers include, without limitation, any "Health Care Practitioner" under the Massachusetts Marketing Code of Conduct Law (defined at 105 C.M.R. §907.004) or a "Health Care Provider" under the Vermont Prescribed Products Gift Ban and Disclosure Law (defined at Vt. Stat. Ann. tit. 18, §4631a(8)). By participating in any promotion that is subject to the above limitations, Buyer warrants that it is not a current or potential healthcare customer or a federal, state and local government customer. Seller reserves the right to determine Buyer's status in the event of a dispute.

In the event that the promotion is available to Healthcare providers, Buyer acknowledges that the offer may include a discount or other price reduction that must be properly and accurately accounted for and reported by Buyer in accordance with all federal and state laws, including without limitation the federal anti-kickback law (42 C.F.R. § 1320a-7b(b) (3)(A)) and regulations thereunder (42 C.F.R. §1001.952(h)).

MISCELLANEOUS: (a) Buyer may not delegate any duties nor assign any rights or claims hereunder without Seller's prior written consent, and any such attempted delegation or assignment shall be void. (b) The rights and obligations of the parties hereunder shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania, without reference to its choice of law provisions. Each party hereby irrevocably consents to the exclusive jurisdiction of the state and federal courts located

in Allegheny County, Pennsylvania, USA, in any action arising out of or relating to this Agreement and waives any other venue to which it may be entitled by domicile or otherwise. (c) In the event of any legal proceeding between the Seller and Buyer relating to this Agreement, neither party may claim the right to a trial by jury, and both parties waive any right they may have under applicable law or otherwise to a right to a trial by jury. Any action arising under this Agreement must be brought within one (1) year from the date that the cause of action arose. (d) The application to this Agreement of the U.N. Convention on Contracts for the International Sale of Goods is hereby expressly excluded. (e) In the event that any one or more provisions contained herein shall be held by a court of competent jurisdiction to be invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein shall remain in full force and effect, unless the revision materially changes the bargain. (f) Seller's failure to enforce, or Seller's waiver of a breach of, any provision contained herein shall not constitute a waiver of any other breach or of such provision. (g) Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to humans or animals. (h) Seller shall cooperate with Buyer to monitor invoicing accuracy and will conduct appropriate internal reviews upon request. Reviews shall be limited to once per year and shall cover the prior twelve month period. Reasonable credit shall be given to undercharges and overcharges. If Buyer engages external consultants to review invoice accuracy, Seller reserves the right to charge a reasonable fee for support provided to such party. (i) Buyer agrees that all pricing, discounts and technical information that Seller provides to Buyer are the confidential and proprietary information of Seller. Buyer agrees to (1) keep such information confidential and not disclose such information to any third party, and (2) use such information solely for Buyer's internal purposes and in connection with the Products supplied hereunder. Nothing herein shall restrict the use of information available to the general public. (j) Any notice or communication required or permitted hereunder shall be in writing and shall be deemed received when personally delivered or three (3) business days after being sent by certified mail, postage prepaid, to a party at the address specified herein or at such other address as either party may from time to time designate to the other. (k) Seller may, in its sole discretion, provide (1) applicable Product training to Buyer or its employees, or (2) samples of Products to Buyer for distribution to patients of Buyer. Buyer agrees that any such samples shall be distributed to patients for patient use or, if not so distributed, returned to Seller. Buyer shall not use such samples to provide care to patient and shall not bill patients or third party payers for the provision of such samples.

ACCEPTABLE PAYMENT METHODS: The Seller prefers to receive payment via ACH or other electronic interface methods that directly exchange funds between the Buyer's and Seller's bank accounts. The Seller also accepts checks mailed to one of its lockbox remittance locations. Although the Seller does accept credit card payments at the time of purchase, it does not accept credit card payments after the point of sale.

MEDICARE/MEDICAID REPORTING REQUIREMENTS: If Buyer is a recipient of Medicare/Medicaid funds, Buyer acknowledges that it has been informed of and agrees to fully and accurately account for, and report on its applicable cost report, the total value of any discount, rebate or other compensation paid hereunder in a way that complies with all applicable federal, state and local laws and regulations which establish "Safe Harbor" for discounts. Buyer shall make written request to Seller in the event Buyer requires additional information from Seller in order to meet its reporting requirements. Buyer acknowledges that agreement to such reporting requirement was a condition precedent to Seller's agreement to provide Products and that Seller would not have entered into this Agreement had Buyer not agreed to comply with such obligations.

PRODUCT DESCRIPTIONS: Product Descriptions are provided by the manufacturer of the product and are current as of the date of printing of this catalog. More current descriptions provided by the manufacturers are reflected at fisheredu.com.

LOOK TO FISHER SCIENCE EDUCATION FOR HASSLE-FREE SERVICE • PROMPT DELIVERY • GREAT PRICES • QUALITY PRODUCTS AND SELECTION

FISHER SCIENCE EDUCATION GUARANTEE

At Fisher Science Education, we are committed to providing you with the highest quality products and services possible. If, for any reason, you are not 100% satisfied with your purchase, simply contact our friendly customer service team within 30 days of the invoice date. We will exchange the product, repair or replace the product or issue you a credit for the full purchase price. Simply call us, toll-free, for a Return Authorization Number. Special order items, furniture, and closeouts cannot be exchanged or credited.

HOW TO ORDER

Fisher Science Education offers you many ways to order. So we can serve you quickly, it helps to have your account number available when placing your order. We gladly accept purchase orders issued on School or District letterhead. Registered users may also place orders online at fisheredu.com. For your convenience, we also accept VISA™, MasterCard™, and American Express™ credit cards. For credit card purchases, be ready to provide the card number, the type of card, exact name on the card, expiration date, full address and telephone number.

Mail: Fisher Science Education
4500 Turnberry Drive
Hanover Park, IL 60133

Phone: 1-800-955-1177 • 7 a.m. to 5:30 p.m.,
Central Time – Monday through Friday

Fax: 1-800-955-0740 • 24 hours a day, 7 days a week

Email: fse.custserv@thermofisher.com

Internet: fisheredu.com

Special note on international purchases: Please contact Global Export Customer Service if your order requires export and if the ultimate destination is outside of the United States.

Fisher Scientific Latin America and Global Export Customer Service Center:

3970 John's Creek Court, Suite 500, Suwanee, GA 30024 USA
Telephone (inside the U.S.): 1-800-955-5090
Telephone (outside the U.S.): 770-871-4725
Fax (outside the U.S.): 770-871-4726

PRICES AND PAYMENT

All pricing subject to change.

If you don't have an account and would like one, we'll be happy to set up a user account for you — simply call Customer Service at 1-800-955-1177.

To complete your credit card, check, or money order payments, please include applicable sales tax and 10% of the total price of all products (minimum of \$15) purchased to cover shipping, handling and insurance

Please provide payment (net) within 30 days from the date of the invoice.

If you have any questions about product selection, pricing, or invoicing, please call us at 1-800-955-1177.

SPECIAL PURCHASES

Fisher Science Education will sell BALANCES, CHEMICALS and BACTERIAL CULTURES to educational institutions ONLY. Please submit orders for these products on school letterhead or order them through your registered user account at fisheredu.com.

We will honor your requests for tax-exempt purchases if your account is coded tax-exempt (a signed tax-exempt certificate is on file with Fisher Science Education) or, if purchasing with a credit card, the card is an official tax-exempt card.

Some of the products we sell are time sensitive and must be delivered within a specified period of time. Others may be considered hazardous materials. For time-sensitive materials, please specify the desired delivery date when you want the products to arrive so that you will be available to receive them. There is a charge for time-sensitive and hazardous materials. (See: Shipping Your Order.)

SHIPPING YOUR ORDER

We want your purchase to arrive promptly and undamaged. To ensure this, we only deliver products to a street address, not to a Post Office Box — please remember this when placing your order. Other things to consider for product shipping include:

How should we ship your purchase? We will ship according to your special instructions, whenever possible. Otherwise, we will select the best shipment method, based on the nature of the material, destination, package size and weight.

Do you need extra-quick delivery? Overnight shipping is available for many products at an additional cost, but certain hazardous materials may be exempt from this service — please ask your Customer Service Representative when placing your order.

Is motor freight necessary? Some items must be shipped by motor freight (rather than by small parcel carriers) and will have different shipping costs. These items are noted in our catalog with a "Motor Freight" icon. Call your Customer Service Representative for assistance in calculating these expenses.

Is the material hazardous? There is a single charge of \$27.50 per order for hazardous materials, no matter how many hazardous items are on your order.

Is your purchase live or time-sensitive? Be sure to specify the desired delivery date for all live material orders. Some live products have minimum purchase requirements, require special handling fees or have shipping restrictions. Contact Customer Service for specific details.

ONCE YOU RECEIVE YOUR ORDER

Inspect your shipment! Open and inspect your order immediately upon arrival and notify us of any problems. Report claims for damage within the seven (7) day period after delivery to allow us to remedy problems with shipping companies.

Want to return a product? The dedicated staff at Fisher Science Education Customer Service is committed to resolving any questions or problems you may encounter. Here are the steps to take:

- Please notify us no later than seven (7) days after delivery of any damaged or unsatisfactory shipments
- Obtain a return authorization number from Fisher Science Education Customer Service prior to returning any product.
- Provide the Fisher Science Education Confirmation Number, found in the upper left hand corner of the packing slip or invoice, or your account number and the purchase order number.

NOTE: Products are subject to a fifteen percent (15%) restocking charge, unless they were not supplied in accordance with your order or are defective at the time of delivery.

Products in this catalog are intended for use by children age 13 or over.

LIMITED WARRANTY

Fisher Scientific Company L.L.C. ("Fisher") will make available the manufacturer's warranties, without recourse to Fisher.

However, except as otherwise set forth here, Fisher expressly disclaims all other warranties, whether expressed, implied or statutory, including the warranties of merchantability and fitness for a particular purpose.

In no event shall Fisher be liable for any special, indirect, incidental, consequential or exemplary damages, however arising, even if Fisher Scientific has been advised of the possibility of such damages, out of the sale or use of the products described in this catalog.

Your sole and exclusive remedy for any cause of action arising out of the sale or use of any product described in this catalog shall be repair or replacement of the product or refund of the purchase price at Fisher's option.

©2023 Thermo Fisher Scientific Inc. All rights reserved.
For trademark ownership see Trademark Reference.
Printed and bound in the U.S.A. 22-746-1999
BN225347956-US



The Perfect Classroom Balance

Work Intuitively—No Manual Required

SCOUT® STX

*High-Performance with Intuitive Touchscreen
for High Accuracy and Productivity*

Chemistry students will quickly get to work with the touchscreen interface that operates like a smartphone or tablet.



Integrated draftshield/windring for superior accuracy
on 0.001 g models

Learn more by visiting fisheredu.com/ohaus

HEADLINE Discoveries

Get Real-World Science
in **Your Inbox**

Get the latest science news,
classroom activities, and cutting-
edge teaching tools delivered straight
to your inbox every month.

Visit fisheredu.com/HDSUBscribe to sign up for this free email.

 **fisher science**
education
part of Thermo Fisher Scientific



Chemicals

2023 Product Catalog

Distributed by Fisher Science Education. Contact us today:

In the United States

Order online: fisheredu.com

Call customer service: 1-800-955-1177

Fisher Science Education

4500 Turnberry Drive

Hanover Park, IL 60133



© 2023 Thermo Fisher Scientific Inc. All rights reserved.

Trademarks used are owned as indicated at fishersci.com/trademarks.

22-746-1999 12/22 BN225347956-US