

**HOW TO ORDER**

Orders may be placed by mail, phone, fax or email.

Phone Orders: 619-425-1932 8:30 AM – 4:00 PM (PST)  
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350 Trousdale Drive Chula Vista Ca. 91910

**PURITY SPECIFICATIONS:**

SEMI: Meets or exceeds the specifications as listed by the Semiconductor Materials Institute

ACS: Meets or exceeds the specifications as listed in "Reagent Chemicals" published by the American Chemical Society

Reagent: High purity chemicals for which there are no established ACS Requirements

HPLC: Solvents suitable for use in High Pressure Liquid Chromatography Instrumentation

CP: (Chemically Pure): Defines chemicals of high purity suitable for use in many applications.

USP/NF: Meets or exceeds the requirement of the U.S. Pharmacopeia/National Formulary.

FCC: Food Chemical Codex.

AWWA: American Waterworks Association specifications

Histological: Suitable for use in Histology applications.

Purified: Defines chemical of good quality where there are no official standards.

Technical: Designated chemicals of selected commercial quality.

Sept 1, 2003

**AB-DTPA SOLUTION**

Soil Extractant for Phosphorus, Potassium, Zinc, Iron, Manganese and Copper

<b>8008HB (61190-080)</b>	4 L poly bottle	\$ 30.55
	4 x 4 L poly bottle	25.40
<b>8008QH (61190-292)</b>	20 L Hedwin cube	101.45
	4 x 20 L Hedwin cube	88.00

**ACACIA GUM, POWDER (See "GUM ARABIC")****ACETIC ACID, GLACIAL, ACS**

CH <sub>3</sub> COOH	FW 60.05	(1 L = 1.05 kg)
DOT: Corrosive Material		UN 2789
CAS #64-19-7		RTECS AF1225000
Storage Code: Red		

**Specifications**

Assay (CH <sub>3</sub> COOH) .....	Min. 99.7%
	Maximum Limits of Impurities
Acetic Anhydride (CH <sub>3</sub> CO) <sub>2</sub> O .....	0.01%
Chloride (Cl) .....	1 ppm
Color .....	APHA 10
Dilution .....	To Pass Test
Heavy Metals (as Pb) .....	0.5 ppm
Iron (Fe) .....	0.2 ppm
Residue After Evaporation .....	0.001%
Substances Reducing Dichromate .....	To Pass Test
Substances Reducing Permanganate .....	To Pass Test
Sulfate (SO <sub>4</sub> ) .....	1 ppm
Titrateable Base .....	0.0004 meq/g

<b>0060CH (01510-030)</b>	500 ml glass bottle	\$ 18.10
	6 x 500 ml glass bottle	10.90
<b>0060FA (01510-055)</b>	2.5 L glass bottle	36.25
	4 x 2.5 L glass bottle	21.85
<b>0060GC (01510-069)</b>	2.5 L PVC glass bottle	39.35
	4 x 2.5 L PVC glass bottle	24.70
<b>0060GD (01510-070)</b>	3.8 L poly bottle	35.20
	4 x 3.8 L poly bottle	24.90
<b>0060QF (01510-290)</b>	19 L Ventflo carboy	105.00
<b>0060RT (01510-330)</b>	201 L (465 lb) drum	785.00

**ACETIC ACID, GLACIAL, USP/FCC, 99.5 - 100.5%**

CH <sub>3</sub> COOH	FW 60.05	(1 L = 1.05 kg)
DOT: Corrosive Material		UN 2789
CAS #64-19-7		RTECS AF1225000
Storage Code: Red		

<b>0085GD (02140-070)</b>	3.8 L poly bottle	\$ 36.25
	4 x 3.8 L poly bottle	30.05
<b>0085QF (02140-290)</b>	19 L Ventflo carboy	82.80
<b>0085RT (02140-330)</b>	201 L (465 lb) drum	695.00

**ACETIC ACID, GLACIAL, TECHNICAL GRADE**

CH<sub>3</sub>COOH                      FW 60.05                      (1 L = 1.05 kg)  
 DOT: Corrosive Material                      UN 2789  
 CAS #64-19-7                      RTECS AF1225000  
 Storage Code: Red

<b>0080GD (05140-070)</b>	3.8 L poly bottle	\$ 30.80
	4 x 3.8 L poly bottle	25.20
<b>0080QF (05140-290)</b>	19 L Ventflo carboy	86.20

**ACETIC ACID 1.0 NORMAL VOLUMETRIC SOLUTION**

<b>8014CM (61210-033)</b>	500 ml poly bottle	\$ 7.80
<b>8014GA (61210-067)</b>	1 L poly bottle	9.35
<b>8014GD (61210-070)</b>	3.8 L poly bottle	27.10

**ACETIC ACID, GLACIAL, FCC**

CH<sub>3</sub>COOH                      FW 60.05                      (1 L = 1.05 kg)  
 DOT: Acetic Acid, glacial, 8, UN2789, PG II                      UN 2789  
 CAS #64-19-7                      RTECS AF1225000  
 Storage Code: Red

<b>0065GD (03540-070)</b>	3.8 L Poly bottle	\$ 29.50
<b>0065RT (03540-330)</b>	201 L (465 lb) drum	689.00

**ACETIC ANHYDRIDE, ACS**

(CH<sub>3</sub>CO)<sub>2</sub>O                      FW 102.09                      (1 L = 1.08 kg)  
 DOT: Corrosive Material                      UN 1715  
 CAS #108-24-7                      RTECS AK1925000  
 Storage Code: Red

<b>Specifications</b>	
Assay ((CH <sub>3</sub> CO) <sub>2</sub> O) .....	Min. 97.0%
	Maximum Limits of Impurities
Chloride (Cl) .....	5 ppm
Heavy Metals (as Pb) .....	2 ppm
Iron (Fe) .....	5 ppm
Phosphate (PO <sub>4</sub> ) .....	0.001%
Residue After Evaporation .....	0.003%
Substances Reducing Permanganate .....	To Pass Test
Sulfate (SO <sub>4</sub> ) .....	5 ppm

<b>0090CH (01540-030)</b>	500 ml glass bottle	\$ 26.00
	6 x 500 ml glass bottle	16.35
<b>0090ML (01540-150)</b>	4 L glass bottle	90.10
	4 x 4 L glass bottle	75.75

**ACETO-ORCEIN STAIN 2% AQUEOUS**

<b>8038AM (61290-011)</b>	100 ml glass bottle	\$ 13.00
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**ACETOCARMINE, Biological Staining Solution**

<b>8041CM (61280-033)</b>	500 ml poly bottle	\$ 37.00
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**ACETONE, USP/NF, BP/EP**

(CH<sub>3</sub>)<sub>2</sub>CO                      FW 58.08                      (1 L = 0.792 kg)  
 DOT: Flammable Liquid                      UN 1090  
 CAS #67-64-1                      RTECS AL3150000  
 Storage Code: Red

<b>0135HB (02240-080)</b>	4 L poly bottle	\$ 28.80
	4 x 4 L poly bottle	23.70
<b>0135ML (02240-150)</b>	4 L glass bottle	40.00
	4 x 4 L glass bottle	29.20
<b>0135QC (02240-280)</b>	20 L steel drum	102.70
	12 x 20 L steel drum	93.90

**ACETONE, ACS**

(CH<sub>3</sub>)<sub>2</sub>CO                      FW 58.08 = 0.792 kg)  
 DOT: Flammable Liquid                      UN 1090  
 CAS #67-64-1                      RTECS AL3150000  
 Storage Code: Red

**Specifications**

Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) .....	Min. 99.5%
	Maximum Limits of Impurities
Aldehyde (as HCHO) .....	0.002%
Color .....	APHA 10
Isopropyl Alcohol .....	0.05%
Methanol (CH <sub>3</sub> OH) .....	0.05%
Residue After Evaporation .....	0.001%
Solubility in Water .....	To Pass Test
Substances Reducing Permanganate .....	To Pass Test
Titrateable Acid .....	0.0003 meq/g
Titrateable Base .....	0.0006 meq/g
Water .....	0.5%

<b>0105CH (01560-030)</b>	500 ml glass bottle	\$11.75
	6 x 500 ml glass bottle	7.60
<b>0105HF (01560-084)</b>	4 L steel drum	38.95
<b>0105HB (01560-080)</b>	4 L poly bottle	28.25
	4 x 4 L poly bottle	22.55
<b>0105ML (01560-150)</b>	4 L glass bottle	38.95
	4 x 4 L glass bottle	28.15
<b>0105MM (01560-151)</b>	4 L PVC glass bottle	43.30
	4 x 4 L PVC glass bottle	36.80
<b>0105QC (01560-280)</b>	20 L steel drum	98.55
	12 x 20 L steel drum	91.75

**ACETONE, CP, HISTOLOGICAL GRADE**

(CH<sub>3</sub>)<sub>2</sub>CO                      FW 58.08                      (1 L = 0.792 kg)  
 DOT: Flammable Liquid                      UN 1090  
 CAS #67-64-1                      RTECS AL3150000  
 Storage Code: Red

<b>0115DE (07110-037)</b>	950 ml screw top can	\$ 16.95
	6 x 950 ml screw top can	13.55
<b>0115HB (07110-080)</b>	4 L poly bottle	25.90
	4 x 4L poly bottle	20.20
<b>0115HF (07110-084)</b>	4 L steel drum	29.00
<b>0115ML (07110-150)</b>	4 L glass bottle	27.60
	4 x 4 L glass bottle	24.25
<b>0115QC (07110-280)</b>	20 L steel drum	87.60
	12 x 20 L steel drum	63.50

**ACETONITRILE, HPLC/SPECTRO**

CH<sub>3</sub>CN FW 41.05 (1 L = 0.783 kg)  
 DOT: Flammable Liquid UN 1648  
 CAS #75-05-8 RTECS AL7700000  
 Storage Code: Red

**Specifications**

Appearance ..... Clear  
 Assay (CH<sub>3</sub>CN) ..... Min. 99.9%  
 Maximum Limits of Impurities  
 Color ..... APHA 10  
 LC Gradient Elution Suitability ..... To Pass Test  
 Residue After Evaporation ..... 2 ppm  
 Titratable Acid ..... 0.008 meq/g  
 Titratable Base ..... 0.0006 meq/g  
 Water ..... 0.02%

**0164FC** 1 L glass bottle \$ 45.00  
 6 x 1 L glass bottle 41.50  
  
**0164ML** 4 L glass bottle 92.00  
 4 x 4 L glass bottle 88.50

**ACETONITRILE, ACS**

CH<sub>3</sub>CN FW 41.05 (1 L = 0.783 kg)  
 DOT: Flammable Liquid UN 1648  
 CAS #75-05-8 RTECS AL7700000  
 Storage Code: Red

**Specifications**

Appearance ..... Clear  
 Assay (CH<sub>3</sub>CN) ..... Min. 99.5%  
 Maximum Limits of Impurities  
 Color ..... APHA 10  
 Residue After Evaporation ..... 0.005%  
 Titratable Acid ..... 8 µeq/g  
 Titratable Base ..... 0.6 µeq/g  
 Water ..... 0.3%

**0155CH (01590-030)** 500 ml glass bottle \$ 18.00  
 6 x 500 ml glass bottle 14.10  
  
**0155HF (01590-084)** 4 L steel drum 77.65  
**0155ML (01590-150)** 4 L glass bottle 72.45  
 4 x 4 L glass bottle 53.85  
  
**0155QC (01590-280)** 20 L steel drum 215.65

**ACID DETERGENT FIBER (ADF) CONCENTRATE**

Forage Fiber Analysis  
 (2.8 L concentrate dilutes with distilled water to 19 L)

**8044VQ (61306-066)** 3 x 933 ml poly bottle kits \$ 80.10  
**8044QH (61306-292)** 20 L Hedwin cube 345.35

**ACRIDINE ORANGE (BASIC ORANGE 14) C.I. 46005**

C<sub>17</sub>H<sub>20</sub>N<sub>3</sub>Cl FW 301.85  
 CAS #65-61-2 RTECS AR7601000  
 Storage Code: Green

**8068AH (70060-008)** 25 g poly bottle \$ 44.05

**ADAMS-EVANS LIME BUFFER SOLUTION**

Soil Testing Determination

**8074HB (61296-080)** 4 L poly bottle \$ 43.50  
 4 x 4 L poly bottle 39.35  
  
**8074QH (61296-292)** 20 L Hedwin cube 181.20  
 4 x 20 L Hedwin cube 170.80

**AGAR, BACTERIOLOGICAL, POWDER**

CAS #9002-18-0

RTECS AW7950000

Storage Code: Green

<b>0190AL (50200-010)</b>	500 g poly bottle	\$ 69.00
	6 x 500 g poly bottle	56.45
<b>0190NG (50200-200)</b>	2.5 kg poly bottle	225.00

**ALBUMIN, EGG, CRYSTALLINE POWDER**

CAS #9006-59-1

Storage Code: Green

<b>0195LB (03203-115)</b>	125 g poly bottle	\$ 19.70
<b>0195AL (03203-010)</b>	500 g poly bottle	49.70

**ALCOHOL, ANHYDROUS (SEE ETHYL ALCOHOL)****ALIZARIN RED S (C.I. 58005) (Mordant Red 3, pH Range 4.3 - 6.3, Yellow-Violet)**COC6H4CCC6H-1,2-(OH)2-3-SO3Na

FW 360.28

CAS #130-22-3

Storage Code: Green

<b>8077AG (70100-007)</b>	10 g poly bottle	\$ 17.65
<b>8077AH (70100-008)</b>	25 g poly bottle	27.60

**ALIZARIN RED S, 1% (w/v) Aqueous**

pH 4.6 (yellow) - 6.0 (pink)

<b>8080CM (61360-033)</b>	500 ml poly bottle	\$ 6.80
<b>8080GD (61360-070)</b>	3.8 L poly bottle	33.85

**ALIZARIN YELLOW R (C.I. 14030) (Mordant Orange 1, pH Range 10.1 - 12.1, Yellow-Orange Red)**O2NC6H4N=NC6H3-2-(OH)CO2H

FW 287.23

CAS #2243-76-7

RTECS VO5310000

Storage Code: Green

<b>8083AH (70150-008)</b>	25 g poly bottle	\$ 31.95
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**ALKALINE IODIDE - SODIUM AZIDE, A.P.H.A.**

(Method A. Azide Modification of Iodometric Method) for Dissolved Oxygen

DOT: Corrosive Material

UN 1760

Storage Code: White

<b>8089CM (61350-033)</b>	500 ml poly bottle	\$85.25
<b>8089GA (61350-067)</b>	1 L poly bottle	164.20

**ALUMINUM METAL, PURIFIED, FINE POWDER, 200 MESH AND FINER**

Al

AW 26.98

DOT: Dangerous When Wet

UN 1396

CAS #7429-90-5

RTECS BD0330000

Storage Code: Red

<b>0275LB (05391-115)</b>	125 g poly bottle	\$ 10.75
<b>0275AL (05391-010)</b>	500 g poly bottle	37.60
<b>0275NG (05391-200)</b>	2.5 kg poly bottle	110.35
	4 x 2.5 kg poly bottle	82.10

**ALUMINUM METAL, GRANULAR**

AI AW 26.98  
DOT: Dangerous When Wet UN 1396  
CAS #7429-90-5 RTECS BD0330000  
Storage Code: Red

<b>0265AL (05392-010)</b>	500 g poly bottle	\$ 28.00
	6 x 500 g poly bottle	20.40
<b>0265NG (05392-200)</b>	2.5 kg poly bottle	75.20
	4 x 2.5 kg poly bottle	56.25

**ALUMINUM METAL, FLAKE POWDER, DARK, 400 MESH**

AI AW 26.98  
DOT: Dangerous When Wet UN 1396  
CAS #7429-90-5 RTECS BD0330000  
Storage Code: Red

<b>0245LB (05381-115)</b>	125 g poly bottle	\$ 12.45
<b>0245AL (05381-010)</b>	500 g poly bottle	37.90
<b>0245NG (05381-200)</b>	2.5 kg poly bottle	139.65
<b>0245PV (05381-250)</b>	12 kg carton	512.40

**ALUMINUM CHLORIDE, REAGENT, CRYSTAL**

AlCl<sub>3</sub>·6H<sub>2</sub>O FW 241.43  
CAS #7784-13-6 RTECS BD0530000  
Storage Code: Green

**Specifications**

Maximum Limits of Impurities

Arsenic (As) .....	0.0004%
Heavy Metals (as Pb) .....	0.0005%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.0005%
Substances not Precipitated by NH <sub>4</sub> OH .....	0.2%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>0227AL (01623-010)</b>	500 g poly bottle	\$ 42.90
	6 x 500 g poly bottle	35.10
<b>0227NG (01623-200)</b>	2.5 kg poly bottle	129.80
	4 x 2.5 kg poly bottle	97.35

**ALUMINUM NITRATE, ACS, CRYSTAL**

Al(NO<sub>3</sub>)<sub>3</sub>·9H<sub>2</sub>O FW 375.14  
DOT: Oxidizer UN1438  
CAS #7784-27-2 RTECS BD1050000  
Storage Code: Yellow

**Specifications**

Assay (Al(NO<sub>3</sub>)<sub>3</sub>·9H<sub>2</sub>O) ..... 98.0 - 102.0%

Maximum Limits of Impurities

Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.002%
Substances not Precipitated by NH <sub>4</sub> OH (as SO <sub>4</sub> ) .....	0.05%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>0290AL (01643-010)</b>	500 g poly bottle	\$ 30.45
	6 x 500 g poly bottle	27.10
<b>0290NG (01643-200)</b>	2.5 kg poly bottle	95.90
	4 x 2.5 kg poly bottle	73.35

**ALUMINUM POTASSIUM SULFATE, ACS, CRYSTAL**

AlK(SO<sub>4</sub>)<sub>2</sub>·12H<sub>2</sub>O  
 CAS #7784-24-9  
 Storage Code: Green

FW 474.39  
 RTECS WS5690000

**Specifications**

Assay (AlK(SO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O) .....	98.0 - 102.0%
	Maximum Limits of Impurities
Ammonium (NH <sub>4</sub> ) .....	0.005%
Arsenic (As) .....	2 ppm
Chloride (Cl) .....	5 ppm
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Sodium (Na) .....	0.02%

<b>0300AL (01653-010)</b>	500 g poly bottle	\$ 51.95
	6 x 500 g poly bottle	40.00
<b>0300NG (01653-200)</b>	2.5 kg poly bottle	183.90
	4 x 2.5 kg poly bottle	162.25
<b>0300PV (01653-250)</b>	12 kg carton	594.90

**ALUMINUM POTASSIUM SULFATE, FCC, POWDER**

AlK(SO<sub>4</sub>)<sub>2</sub>·12H<sub>2</sub>O  
 CAS #7784-24-9  
 Storage Code: Green

FW 474.39  
 RTECS WS5690000

<b>0310AL (04311-010)</b>	500 g poly bottle	\$ 30.30
	6 x 500 g poly bottle	23.85
<b>0310NG (04311-200)</b>	2.5 kg poly bottle	54.10
	4 x 2.5 kg poly bottle	45.45
<b>0310PV (04311-250)</b>	12 kg carton	98.35
<b>0310TR (04311-512)</b>	25 kg (55 lb) bag	133.55



**ALUMINUM POTASSIUM SULFATE, PHOTO**

AlK(SO<sub>4</sub>)<sub>2</sub>·12H<sub>2</sub>O FW 474.39  
 CAS #7784-24-9 RTECS WS5690000  
 Storage Code: Green

<b>0315NG (05311-200)</b>	2.5 kg poly bottle	\$ 39.60
	4 x 2.5 kg poly bottle	33.85
<b>0315PV (05311-250)</b>	12 kg carton	112.80
<b>0315TR (05311-512)</b>	25 kg (55 lb) bag	154.25

**ALUMINUM SULFATE, ACS, CRYSTAL**

Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>·xH<sub>2</sub>O (x = 14 - 18)  
 DOT: Not Regulated (RQ 5000 lb.)  
 CAS #7784-31-8 RTECS BD1700000  
 Storage Code: Green

**Specifications**

Assay (hydrate) .....	98.0 - 102.0%
Maximum Limits of Impurities	
Arsenic (As) .....	0.5 ppm
Chloride (Cl) .....	0.005%
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.002%
Substances not Precipitated by NH <sub>4</sub> OH (as SO <sub>4</sub> ) .....	0.2%

<b>0330AL (01668-010)</b>	500 g poly bottle	\$ 84.25
	6 x 500 g poly bottle	68.90
<b>0330NG (01668-200)</b>	2.5 kg poly bottle	237.95

**ALUMINUM SULFATE, FCC, GRANULAR**

Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>·xH<sub>2</sub>O (x = 14 - 18)  
 DOT: Not Regulated (RQ 5000 lb.)  
 CAS #7784-31-8 RTECS BD1700000  
 Storage Code: Green

**Specifications**

Assay (Ignited Basis) .....	Min. 99.5%
Maximum Limits of Impurities	
Alkalies and Alkaline Earths .....	To Pass Test (about 0.4%)
Ammonium Salts .....	To Pass Test
Arsenic (as As) .....	3 ppm
Fluoride .....	0.003%
Heavy Metals (as Pb) .....	0.004%
Lead .....	10 ppm
Selenium (Se) .....	0.003%

<b>0335AL (03222-010)</b>	500 g poly bottle	\$ 15.80
<b>0335TQ (03222-510)</b>	22.7 kg (50 lb) bag	77.80
	40 x 22.7 kg (50 lb) bag	30.35

**AMINOACETIC ACID, (GLYCINE), REAGENT, (USP), CRYSTALLINE POWDER**

NH<sub>2</sub>CH<sub>2</sub>COOH FW 75.07  
 CAS #56-40-6 RTECS MB7600000  
 Storage Code: Green

<b>0370AL (01799-010)</b>	500 g poly bottle	\$ 22.35
<b>0370NG (01799-200)</b>	2.5 kg poly bottle	108.25
<b>0370PV (01799-250)</b>	12 kg carton	326.30

**AMMONIUM ACETATE, PURIFIED, CRYSTAL**NH<sub>4</sub>C<sub>2</sub>H<sub>3</sub>O<sub>2</sub> FW 77.08

DOT: Not Regulated (RQ 5000 lb.)

CAS #631-61-8 RTECS AF3675000

Storage Code: Green

**0390NG (05403-200)** 2.5 kg poly bottle \$ 59.00**0390PV (05403-250)** 12 kg carton 216.35**0390UV (05403-945)** 100 kg (220 lb) drum 694.20**AMMONIUM ACETATE, ACS, CRYSTAL**NH<sub>4</sub>C<sub>2</sub>H<sub>3</sub>O<sub>2</sub> FW 77.08

DOT: Not Regulated (RQ 5000 lb.)

CAS #631-61-8 RTECS AF3675000

Storage Code: Green

**Specifications**

Assay ..... Min. 97%

pH of a 5% solution at 25°C ..... 6.7 - 7.3

**Maximum Limits of Impurities**

Chloride (Cl) ..... 5 ppm

Heavy Metals (as Pb) ..... 5 ppm

Insoluble Matter ..... 0.005%

Iron (Fe) ..... 5 ppm

Nitrate (NO<sub>3</sub>) ..... 0.001%

Residue After Ignition ..... 0.01%

Sulfate (SO<sub>4</sub>) ..... 0.001%**0385AL (01683-010)** 500 g poly bottle \$ 24.95

6 x 500 g poly bottle 20.85

**0385PB (01683-210)** 2.5 kg carton 78.70

4 x 2.5 kg carton 73.55

**0385PV (01683-250)** 12 kg carton 288.80**0385UK (01683-740)** 90.7 kg (200 lb) drum 897.10**AMMONIUM ACETATE BUFFER, APHA, FOR IRON**

DOT: Corrosive Material

Storage Code: White

**8113GA (61430-067)** 1 L poly bottle \$ 16.60**AMMONIUM ACETATE CONCENTRATE**

Soils Extractant for Potassium

(3.8 L concentrate dilutes with distilled water for 19 L of 1.0N working solution)

**8116GD (61410-070)** 3.8 L poly bottle \$ 53.00

4 x 3.8 L poly bottle 45.00

**8116QH (61410-292)** 20 L Hedwin cube 220.00

4 x 20 L Hedwin cube 205.00

**AMMONIUM ALUMINUM SULFATE, FCC, GRANULAR**AlNH<sub>4</sub>(SO<sub>4</sub>)<sub>2</sub> 12H<sub>2</sub>O FW 453.33

CAS #7784-26-1

Storage Code: Green

**0395AL (47681-010)** 500 g poly bottle \$ 19.70**0395PV (47681-250)** 12 kg carton 98.35**0395UD (47681-710)** 50 kg (110 lb) bag 164.60

**AMMONIUM BICARBONATE, REAGENT**NH<sub>4</sub>HCO<sub>3</sub> FW 79.06

DOT: Not Regulated (RQ 5000 lb.)

CAS #1066-33-7

RTECS B08600000

Storage Code: Green

**Specifications**

Assay .....	Min. 99%
	Maximum Limits of Impurities
Arsenic .....	1 ppm
Chloride .....	30 ppm
Heavy Metals (as Pb) .....	5 ppm
Nonvolatile Residue .....	0.05%
Sulfur Compounds .....	70 ppm

<b>0405AL (01693-010)</b>	500 g poly bottle	\$ 19.50
	6 x 500 g poly bottle	16.25
<b>0405NG (01693-200)</b>	2.5 kg poly bottle	41.40
	4 x 2.5 kg poly bottle	34.20

**AMMONIUM BIFLUORIDE, TECHNICAL, FLAKE**NH<sub>4</sub>F! HF FW 57.04

DOT: Corrosive Material UN 1727

CAS #1341-49-7 RTECS BQ9200000

Storage Code: White

<b>0410AL (05416-010)</b>	500 g poly bottle	\$ 22.80
	6 x 500 g poly bottle	16.90
<b>0410NG (05416-200)</b>	2.5 kg poly bottle	67.30
	4 x 2.5 kg poly bottle	46.60
<b>0410PV (05416-250)</b>	12 kg carton	185.30
	4 x 12 kg carton	143.90
<b>0410TQ (05416-510)</b>	22.7 kg (50 lb) bag	223.30

**AMMONIUM BROMIDE, ACS, POWDER**NH<sub>4</sub>Br FW 97.94

CAS #12124-97-9 RTECS B09170000

Storage Code: Green

**Specifications**

Assay .....	Min. 99.0%
pH of a 5% solution at 25°C .....	4.5 - 6.0
	Maximum Limits of Impurities
Barium (Ba) .....	0.002%
Bromate (BrO <sub>3</sub> ) .....	0.002%
Chloride (Cl) .....	0.2%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iodide (I) .....	To Pass Test (approx. 0.005%)
Iron (Fe) .....	5 ppm
Residue After Ignition .....	0.01%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>0415AL (01702-010)</b>	500 g poly bottle	\$ 28.30
	6 x 500 g poly bottle	24.80

**AMMONIUM CARBONATE, ACS, POWDER**

(NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub> FW 96.09  
 CAS #506-87-6 RTECS BP1925000  
 Storage Code: Green

Assay (NH<sub>3</sub>) ..... **Specifications**  
 Min. 30.0%

<b>0422AL (01723-010)</b>	500 g poly bottle	\$ 29.00
	6 x 500 g poly bottle	26.75
<b>0422NG (01723-200)</b>	2.5 kg poly bottle	111.50
	4 x 2.5 kg poly bottle	96.25
<b>0422PV (01723-250)</b>	12 kg carton	319.00

**AMMONIUM CARBONATE, PURIFIED, POWDER**

(NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub> FW 96.09  
 CAS #506-87-6 RTECS BP1925000  
 Storage Code: Green

<b>0435AL (05418-010)</b>	500 g poly bottle	\$ 24.80
	6 x 500 g poly bottle	19.80
<b>0435NG (05418-200)</b>	2.5 kg poly bottle	64.10

**AMMONIUM CARBONATE, NF, CHIPS**

(NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub> FW 96.09  
 CAS #506-87-6 RTECS BP1925000  
 Storage Code: Green

<b>0425AL (47723-010)</b>	500 g poly bottle	\$ 20.70
	6 x 500 g poly bottle	16.70
<b>0425NG (47723-200)</b>	2.5 kg poly bottle	71.50
	4 x 2.5 kg poly bottle	62.50
<b>0425PV (47723-250)</b>	12 kg carton	211.45
	4 x 12 kg carton	184.30

**AMMONIUM CHLORIDE, ACS, GRANULAR**

NH<sub>4</sub>Cl FW 53.49  
 DOT: Not Regulated (RQ 5000 lb.)  
 CAS #12125-02-9 RTECS BP4550000  
 Storage Code: Green

Assay ..... **Specifications**  
 Min. 99.5%  
 pH of a 5% solution at 25°C ..... 4.5 - 5.5  
**Maximum Limits of Impurities**  
 Calcium and Magnesium Precipitate ..... 0.002%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 2 ppm  
 Phosphate (PO<sub>4</sub>) ..... 2 ppm  
 Residue After Ignition ..... 0.01%  
 Sulfate (SO<sub>4</sub>) ..... 0.002%

<b>0445AL (01742-010)</b>	500 g poly bottle	\$ 15.80
	6 x 500 g poly bottle	13.25
<b>0445NG (01742-200)</b>	2.5 kg poly bottle	55.50
	4 x 2.5 kg poly bottle	45.15
<b>0445PV (01742-250)</b>	12 kg carton	192.45

**AMMONIUM CHLORIDE - AMMONIUM HYDROXIDE BUFFER, A.P.H.A.**

for Water Hardness Test

<b>8107CM (61450-033)</b>	500 ml poly bottle	\$13.95
<b>8107GA (61450-067)</b>	1 L poly bottle	16.45
<b>8107GD (61450-070)</b>	3.8 L poly bottle	34.95

**AMMONIUM CHLORIDE, TECHNICAL**NH<sub>4</sub>Cl FW 53.49

DOT: Not Regulated (RQ 5000 lb.)

CAS #12125-02-9 RTECS BP4550000

Storage Code: Green

<b>0455AL (05422-010)</b>	500 g poly bottle	\$ 16.60
	6 x 500 g poly bottle	13.50
<b>0455NG (05422-200)</b>	2.5 kg poly bottle	37.30
	4 x 2.5 kg poly bottle	31.05
<b>0455PV (05422-250)</b>	12 kg carton	108.00

**AMMONIUM CITRATE DIBASIC, ACS, CRYSTAL**(NH<sub>4</sub>)<sub>2</sub>HC<sub>6</sub>H<sub>5</sub>O<sub>7</sub> FW 226.19

DOT: Not Regulated (RQ 5000 lb.)

CAS #3012-65-5 RTECS GE757300

Storage Code: Green

**Specifications**

Assay ((NH <sub>4</sub> ) <sub>2</sub> HC <sub>6</sub> H <sub>5</sub> O <sub>7</sub> ) .....	98.0 - 103.0%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Oxalate (C <sub>2</sub> O <sub>4</sub> ) .....	To Pass Test
	(approx. 0.05%)
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Residue After Ignition .....	0.01%
Sulfur Compounds (as SO <sub>4</sub> ) .....	0.005%

<b>0460AL (01773-010)</b>	500 g poly bottle	\$ 40.25
	6 x 500 g poly bottle	26.85
<b>0460NG (01773-200)</b>	2.5 kg poly bottle	141.00
	4 x 2.5 kg poly bottle	112.85
<b>0460PV (01773-250)</b>	12 kg carton	386.85
<b>0460UK (01773-740)</b>	90.7 kg (200 lb) drum	1166.40

**AMMONIUM DICHROMATE, REAGENT CRYSTAL**(NH<sub>4</sub>)<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> FW 252.10

DOT: Oxidizer UN 1439

CAS #7789-09-5 RTECS HX7650000

Storage Code: Yellow

**Specifications**

Assay .....	Min. 99.5%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.005%
Fixed Alkalies (as Sulfates) .....	0.1%
Insoluble Matter .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>0475AL (01792-010)</b>	500 g poly bottle	\$ 56.95
	6 x 500 g poly bottle	49.45
<b>0475NG (01792-200)</b>	2.5 kg poly bottle	237.05
	4 x 2.5 kg poly bottle	195.65
<b>0475PV (01792-250)</b>	12 kg carton	514.15

**AMMONIUM DICHROMATE, PURIFIED, GRANULAR**

(NH<sub>4</sub>)<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> FW 252.10  
 DOT: Oxidizer UN 1439  
 CAS #7789-09-5 RTECS HX7650000  
 Storage Code: Yellow

<b>0470AL (05322-010)</b>	500 g poly bottle	\$ 31.05
	6 x 500 g poly bottle	22.75
<b>0470NG (05322-200)</b>	2.5 kg poly bottle	113.85
	4 x 2.5 kg poly bottle	98.35
<b>0470PV (05322-250)</b>	12 kg carton	389.65
	4x 12 kg carton	360.15

**AMMONIUM FLUORIDE, ACS, CRYSTAL**

NH<sub>4</sub>F FW 37.04  
 DOT: Poison UN 2505  
 CAS #12125-01-8 RTECS BQ6300000  
 Storage Code: Blue

<b>Specifications</b>	
Assay .....	Min. 98.0%
<b>Maximum Limits of Impurities</b>	
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Residue After Ignition .....	0.01%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>0480AL (01803-010)</b>	500 g poly bottle	\$ 88.00
	6 x 500 g poly bottle	61.10
<b>0480NG (01803-200)</b>	2.5 kg poly bottle	284.65
	4 x 2.5 kg poly bottle	267.35
<b>0480PV (01803-250)</b>	12 kg carton	1,029.70

**AMMONIUM HYDROXIDE, TECHNICAL, 27% (26°Be)**

NH<sub>4</sub>OH FW 35.05 (1 L = 0.90 kg)  
 DOT: Corrosive Material UN 2672  
 CAS #1336-21-6 RTECS BQ9625000  
 Storage Code: White

<b>0500GD (05730-070)</b>	3.8 L poly bottle	\$ 28.70
	4 x 3.8 L poly bottle	16.10

**AMMONIUM HYDROXIDE, ACS**

NH<sub>4</sub>OH                              FW 35.05                              (1 L = 0.90 kg)  
 DOT: Corrosive Material    UN 2672  
 CAS #1 336-21-6    RTECS BQ9625000  
 Storage Code: White

**Specifications**

Appearance .....	Colorless and free from suspended matter or sediment
Assay (as NH <sub>3</sub> ) .....	28.0 - 30.0%
	Maximum Limits of Impurities
Carbon Dioxide (CO <sub>2</sub> ) .....	0.002%
Chloride (Cl) .....	0.5 ppm
Heavy Metals (as Pb) .....	0.5 ppm
Iron (Fe) .....	0.2 ppm
Nitrate (NO <sub>3</sub> ).....	2 ppm
Phosphate (PO <sub>4</sub> ) .....	2 ppm
Residue After Ignition .....	0.002%
Substances Reducing Permanganate .....	To Pass Test
Sulfur, Total (as SO <sub>4</sub> ) .....	2 ppm

<b>0485CM (01890-033)</b>	500 ml poly bottle	\$ 19.20
	6 x 500 ml poly bottle	15.90
<b>0485DH (01890-040)</b>	500 ml PVC glass bottle	21.70
	6 x 500 ml PVC glass bottle	13.90
<b>0485FA (01890-055)</b>	2.5 L glass bottle	20.70
	4 x 2.5 L glass bottle	17.90
<b>0485GC (01890-069)</b>	2.5 L PVC glass bottle	29.10
	4 x 2.5 L PVC glass bottle	20.50
<b>0485GD (01890-070)</b>	3.8 L poly bottle	35.10
	4 x 3.8 L poly bottle	24.20

**AMMONIUM HYDROXIDE, 0.10 NORMAL (N/10)**

<b>8131CM (61850-033)</b>	500 ml poly bottle	\$ 13.35
<b>8131GA (61850-067)</b>	1 L poly bottle	16.45

**AMMONIUM HYDROXIDE, 1.00 NORMAL**

<b>8134CM (61855-033)</b>	500 ml poly bottle	\$ 13.35
<b>8134GA (61855-067)</b>	1 L poly bottle	16.45

**AMMONIUM HYDROXIDE, 5.0 NORMAL, A.P.H.A., Volumetric Solution**

<b>8149CM (61860-033)</b>	500 ml poly bottle	\$ 14.30
<b>8149GA (61860-067)</b>	1 L poly bottle	17.95
<b>8149GD (61860-070)</b>	3.8 L poly bottle	53.00

**AMMONIUM META-VANADATE, REAGENT**

NH<sub>4</sub>VO<sub>2</sub>    FW 116.99  
 DOT: Poison    UN 2859  
 CAS #7803-55-6  
 Storage Code: Blue

<b>0505LB (11081-115)</b>	125 g poly bottle	\$ 45.40
<b>0505AL (11081-010)</b>	500 g poly bottle	78.70

**AMMONIUM MOLYBDATE, ACS, CRYSTAL**

(NH<sub>4</sub>)<sub>6</sub>Mo<sub>7</sub>O<sub>24</sub> · 4H<sub>2</sub>O  
 CAS #12027-67-7  
 Storage Code: Green

FW 1235.86  
 RTECS QA4900000

**Specifications**

Assay (as MoO <sub>3</sub> ) .....	81.0 - 83.0%
	Maximum Limits of Impurities
Arsenate, Phosphate, and Silicate (as SiO <sub>2</sub> ) .....	0.001%
Chloride (Cl) .....	0.002%
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.005%
Magnesium and other Alkaline Earths .....	0.02%
Nitrate (NO <sub>3</sub> ) .....	To Pass Test (approx. 0.003%)
Phosphate .....	5 ppm
Sulfate (SO <sub>4</sub> ) .....	0.02%

<b>0510AL (01873-010)</b>	500 g poly bottle	\$ 91.50
	6 x 500 g poly bottle	75.00
<b>0510NG (01873-200)</b>	2.5 kg poly bottle	255.00
	4 x 2.5 kg poly bottle	248.00
<b>0510PV (01873-250)</b>	12 kg carton	980.00

**AMMONIUM MOLYBDATE, 10% (w/v), Aqueous, A.P.H.A. - for Silica**

<b>8155CM (62300-033)</b>	500 ml poly bottle	\$ 18.10
<b>8155GA (62300-067)</b>	1 L poly bottle	27.10

**AMMONIUM MOLYBDATE REAGENT I, A.P.H.A. - for Phosphate**

<b>8158CM (62310-033)</b>	500 ml poly bottle	\$ 16.95
<b>8158GA (62310-067)</b>	1 L poly bottle	26.50

**AMMONIUM MOLYBDATE REAGENT II, A.P.H.A. - for Phosphate**

<b>8161CM (62315-033)</b>	500 ml poly bottle	\$ 20.30
<b>8161GA (62315-067)</b>	1 L poly bottle	29.35

**AMMONIUM NITRATE, ACS, GRANULAR**

NH<sub>4</sub>NO<sub>3</sub>  
 DOT: Oxidizer  
 CAS #6484-52-2  
 Storage Code: Yellow

FW 80.04  
 UN 1942  
 RTECS BR9050000

**Specifications**

Assay .....	Min. 98.0%
pH of a 5% solution at 25°C .....	4.5 - 6.0
	Maximum Limits of Impurities
Chloride (Cl) .....	5 ppm
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	2 ppm
Nitrite (NO <sub>2</sub> ) .....	To Pass Test (approx. 5 ppm)
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Residue After Ignition .....	0.01%
Sulfate (SO <sub>4</sub> ) .....	0.002%

<b>0515AL (01862-010)</b>	500 g poly bottle	\$ 23.85
	6 x 500 g poly bottle	17.85
<b>0515NG (01862-200)</b>	2.5 kg poly bottle	64.90
	4 x 2.5 kg poly bottle	48.65
<b>0515PV (01862-250)</b>	12 kg carton	209.40



**AMMONIUM NITRATE, PRILLED, PURIFIED**

NH<sub>4</sub>NO<sub>3</sub> FW 80.04  
 DOT: Oxidizer UN 1942  
 CAS #6484-52-2 RTECS BR9050000  
 Storage Code: Yellow

**0520AL (57112-010)** 500 g poly bottle \$ 20.70  
**0520NG (57112-200)** 2.5 kg poly bottle 51.75  
**0520PV (57112-250)** 12 kg carton 113.85

**AMMONIUM OXALATE, ACS, CRYSTAL**

(NH<sub>4</sub>)<sub>2</sub>C<sub>2</sub>O<sub>4</sub>·H<sub>2</sub>O FW 142.11  
 DOT: Poison UN 2449  
 CAS #6009-70-7  
 Storage Code: White

**Specifications**

Assay ((NH<sub>4</sub>)<sub>2</sub>C<sub>2</sub>O<sub>4</sub>·H<sub>2</sub>O) ..... 99.0 - 101.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.002%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 2 ppm  
 Residue After Ignition ..... 0.02%  
 Sulfate (SO<sub>4</sub>) ..... 0.002%

**0525LB (01833-115)** 125 g poly bottle \$ 22.45  
 6 x 125 g poly bottle 19.00  
**0525AL (01833-010)** 500 g poly bottle 45.25  
 6 x 500 g poly bottle 39.75  
**0525NG (01833-200)** 2.5 kg poly bottle 147.13  
 4 x 2.5 kg poly bottle 138.50

**AMMONIUM PERCHLORATE, PURIFIED, POWDER**

NH<sub>4</sub>ClO<sub>4</sub> FW 117.49  
 DOT: Oxidizer UN 1442  
 CAS #7790-98-9 RTECS SC7520000  
 Storage Code: Yellow

**0530AL (57381-010)** 500 g poly bottle \$ 27.35  
 6 x 500 g poly bottle 24.55  
**0530NG (57381-200)** 2.5 kg poly bottle 105.00

**AMMONIUM PERSULFATE, ACS, CRYSTAL**

(NH<sub>4</sub>)<sub>2</sub>S<sub>2</sub>O<sub>8</sub> FW 228.20  
 DOT: Oxidizer UN 1444  
 CAS #7727-54-0 RTECS SE0350000  
 Storage Code: Yellow

**Specifications**

Assay ((NH<sub>4</sub>)<sub>2</sub>S<sub>2</sub>O<sub>8</sub>) ..... Min. 98.0%  
 Maximum Limits of Impurities  
 Chloride and Chlorate (as Cl) ..... 0.001%  
 Heavy Metals (as Pb) ..... 0.005%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 0.001%  
 Manganese (Mn) ..... 0.5 ppm  
 Residue After Ignition ..... 0.05%  
 Titratable Free Acid ..... 0.04 meq/g

**0535AL (01933-010)** 500 g poly bottle \$ 25.35  
 6 x 500 g poly bottle 21.55  
**0535NG (01933-200)** 2.5 kg poly bottle 98.55  
 4 x 2.5 kg poly bottle 93.90  
**0535PV (01933-250)** 12 kg carton 309.60

**AMMONIUM PERSULFATE, PURIFIED CRYSTAL**

(NH4)2S2O8 FW 228.20  
 DOT: Oxidizer UN 1444  
 CAS #7727-54-0 RTECS SE0350000  
 Storage Code: Yellow

<b>0540AL (07743-010)</b>	500 g poly bottle	\$ 21.65
	6 x 500 g poly bottle	18.40
<b>0540NG (07743-200)</b>	2.5 kg poly bottle	49.55
	4 x 2.5 kg poly bottle	37.65
<b>0540PV (07743-250)</b>	12 kg carton	266.65

**AMMONIUM PHOSPHATE, DIBASIC, ACS, CRYSTAL**

(NH4)2HPO4 FW 132.06  
 CAS #7783-28-0 RTECS TB9375000  
 Storage Code: Green

**Specifications**

..... Assay	Min. 98.0%
..... pH of 5% solution at 25°C	7.7 - 8.1
Maximum Limits of Impurities	
..... Ammonium Hydroxide Precipitate	0.005%
..... Arsenic (As)	2 ppm
..... Chloride (Cl)	0.001%
..... Heavy Metals (as Pb)	0.001%
..... Insoluble Matter	0.005%
..... Iron (Fe)	0.001%
..... Nitrate (NO3)	0.003%
..... Potassium (K)	0.005%
..... Sodium (Na)	0.005%
..... Sulfur Compounds (as SO4)	0.004%

<b>0545AL (01943-010)</b>	500 g poly bottle	\$ 30.50
	6 x 500 g poly bottle	24.35
<b>0545NG (01943-200)</b>	2.5 kg poly bottle	108.55
	4 x 2.5 kg poly bottle	94.75
<b>0545PV (01943-250)</b>	12 kg carton	338.40

**AMMONIUM PHOSPHATE, MONOBASIC, ACS, CRYSTAL**

NH4H2PO4 FW 115.03  
 CAS #7722-76-1  
 Storage Code: Green

**Specifications**

Assay .....	Min. 98.0%
pH of a 5% solution at 25°C .....	3.8 - 4.4
Maximum Limits of Impurities	
Ammonium Hydroxide Precipitate .....	0.005%
Arsenic (As) .....	0.5 ppm
Chloride (Cl) .....	5 ppm
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Nitrate (NO3) .....	0.001%
Potassium (K) .....	0.005%
Sodium (Na) .....	0.005%
Sulfur Compounds (as SO4) .....	0.005%

<b>0550AL (01953-010)</b>	500 g poly bottle	\$ 33.15
	6 x 500 g poly bottle	22.25
<b>0550NG (01953-200)</b>	2.5 kg poly bottle	113.85
	4 x 2.5 kg poly bottle	72.45
<b>0550PV (01953-250)</b>	12 kg carton	288.80
<b>0550UV (01953-945)</b>	100 kg (220 lb) drum	1387.00

**AMMONIUM SULFATE, FCC, GRANULAR**

(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> FW 132.14  
 CAS #7783-20-2 RTECS BS4500000  
 Storage Code: Green

<b>0560AL (03522-010)</b>	500 g poly bottle	\$ 15.55
	6 x 500 g poly bottle	10.35
<b>0560NG (03522-200)</b>	2.5 kg poly bottle	46.60
	4 x 2.5 kg poly bottle	36.25
<b>0560PV (03522-250)</b>	12 kg carton	101.45
<b>0560TQ (03522-510)</b>	22.7 kg (50 lb) bag	136.55

**AMMONIUM SULFATE, ACS, CRYSTAL (PYRIDINE FREE)**

(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> FW 132.14  
 CAS #7783-20-2 RTECS BS4500000  
 Storage Code: Green

**Specifications**

Assay .....	Min. 99.0%
pH of a 5% solution at 25°C .....	5.0 - 6.0
	<b>Maximum Limits of Impurities</b>
Chloride (Cl) .....	5 ppm
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Nitrate (NO <sub>3</sub> ) .....	0.001%
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Residue After Ignition .....	0.005%

<b>0555AL (11012-010)</b>	500 g poly bottle	\$ 20.20
	6 x 500 g poly bottle	14.50
<b>0555NG (11012-200)</b>	2.5 kg poly bottle	39.65
	4 x 2.5 kg poly bottle	33.55
<b>0555PV (11012-250)</b>	12 kg carton	139.75

**AMMONIUM SULFIDE, (AQUEOUS SOLUTION), REAGENT**

(NH<sub>4</sub>)<sub>2</sub>S FW 68.15 (1 L = 0.99 kg)  
 DOT: Corrosive, Poison, Flammable Liquid UN 2683  
 CAS #12135-76-1 RTECS BS4920000  
 Storage Code: Red

**Specifications**

Assay ((NH <sub>4</sub> ) <sub>2</sub> S) .....	20.0 - 24.0%
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<b>8176CH (11050-030)</b>	500 ml glass bottle	\$ 43.00
	6 x 500 ml glass bottle	35.30
<b>8176FA (11050-055)</b>	2.5 L glass bottle	174.55
	4 x 2.5 L glass bottle	139.65

**AMMONIUM THIOCYANATE, ACS, CRYSTAL**

NH4SCN FW 76.12  
 DOT: Not Regulated (RQ 5000 lb.)  
 CAS #1762-95-4 RTECS XK7875000  
 Storage Code: Green

**Specifications**

Appearance ..... Colorless or white crystals  
 Assay ..... Min. 97.5%  
 pH of a 5% solution at 25°C ..... 4.5 - 6.0

**Maximum Limits of Impurities**

Chloride (Cl) ..... 0.005%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Iodine Consuming Substances ..... 0.004 meq/g  
 Iron (Fe) ..... 3 ppm  
 Residue After Ignition ..... 0.025%  
 Sulfate (SO4) ..... 0.005%

<b>0575AL (11073-010)</b>	500 g poly bottle	\$ 38.30
	6 x 500 g poly bottle	32.95
<b>0575NG (11073-200)</b>	2.5 kg poly bottle	142.25
	4 x 2.5 kg poly bottle	113.90
<b>0575PV (11073-250)</b>	12 kg carton	434.20
<b>0575UC (11073-700)</b>	50 kg (110 lb) drum	671.00

**AMMONIUM THIOCYANATE, TECHNICAL, CRYSTAL**

(Suitable for photo use)  
 NH4SCN FW 76.12  
 DOT: Not Regulated (RQ 5000 lb.)  
 CAS #1762-95-4 RTECS XK7875000  
 Storage Code: Green

<b>0585AL (05773-010)</b>	500 g poly bottle	\$ 20.70
	6 x 500 g poly bottle	15.55
<b>0585NG (05773-200)</b>	2.5 kg poly bottle	70.40
	4 x 2.5 kg poly bottle	55.90
<b>0585PV (05773-250)</b>	12 kg carton	219.90
<b>0585UC (05773-700)</b>	50 kg (110 lb) drum	418.95

**AMMONIUM VANADATE(META-), REAGENT (See "AMMONIUM META-VANADATE")****AMYL ACETATE, PURIFIED (MIXED ISOMERS)**

CH3COOC5H11 FW 130.19 (1 L = 0.870 kg)  
 DOT: Flammable Liquid UN 1104  
 CAS #628-63-7 RTECS AJ1925000  
 Storage Code: Red

<b>0595CH (50501-030)</b>	500 ml glass bottle	\$ 24.85
	6 x 500 ml glass bottle	16.60
<b>0595ML (50501-150)</b>	4 L glass bottle	64.25
	4 x 4 L glass bottle	53.00

**n-AMYL ALCOHOL, REAGENT GRADE (PENTANOL) (MIXED ISOMERS)**

CH<sub>3</sub>(CH<sub>2</sub>)<sub>3</sub>CH<sub>2</sub>OH                      FW 88.15                      (1 L = 0.81 kg)  
 DOT: Flammable Liquid                      UN 1105  
 CAS #71-41-0                      RTECS SB9800000  
 Storage Code: Red

**Specifications**

Assay ..... Min. 98%  
 Boiling Range ..... 136° - 139°C  
Maximum Limits of Impurities  
 Acidity (as CH<sub>3</sub>COOH) ..... 0.01%  
 Aldehydes ..... To Pass Test  
 Residue After Evaporation ..... 0.005%  
 Water ..... 0.3%

<b>0600CH (01985-030)</b>	500 ml glass bottle	\$ 29.00
	6 x 500 ml glass bottle	17.35
<b>0600ML (01985-150)</b>	4 L glass bottle	101.45
	4 x 4 L glass bottle	75.75

**ANILINE BLUE, WATER SOLUBLE (C.I. 42755)**

C<sub>32</sub>H<sub>25</sub>N<sub>3</sub>S<sub>3</sub>O<sub>9</sub>Na<sub>2</sub>                      FW 737.75  
 CAS #28631-66-5  
 Storage Code: Green

<b>8185AG (70200-007)</b>	10 g poly bottle	\$ 20.55
<b>8185AH (70200-008)</b>	25 g poly bottle	34.95

**ANILINE HYDROCHLORIDE 97%**

C<sub>6</sub>H<sub>5</sub>NH<sub>2</sub>.HCl                      FW 129.60  
 DOT: Poison, Keep Away From Foods                      UN 1548  
 CAS #142-04-1                      RTECS CY0875000  
 Storage Code: Green

<b>0605LA (50555-114)</b>	100 g poly bottle	\$ 36.00
<b>0605AL (50555-010)</b>	500 g poly bottle	132.00

**ANTIMONY, METAL, POWDER**

Sb                      AW 121.75  
 DOT: Poison, Keep Away From Foods                      UN 2871  
 CAS #7440-36-0                      RTECS CC4025000  
 Storage Code: Blue

<b>0625LB (05791-115)</b>	125 g poly bottle	\$ 36.40
	6 x 125 g poly bottle	29.10
<b>0625AL (05791-010)</b>	500 g poly bottle	90.10
	6 x 500 g poly bottle	67.70

**ANTIMONY POTASSIUM TARTRATE, REAGENT, POWDER**

C<sub>8</sub>H<sub>4</sub>K<sub>2</sub>O<sub>12</sub>Sb<sub>2</sub> 3H<sub>2</sub>O                      FW 667.85  
 DOT: Poison                      UN 1551  
 CAS #28300-74-5                      RTECS CC6825000  
 Storage Code: White

**Specifications**

Assay ..... 99.0 - 103.0%  
Maximum Limits of Impurities  
 Arsenic ..... 0.015%  
 Titrable acid or base ..... 0.020meq/g  
 Loss on Drying ..... 2.7%

<b>0630LB (05785-115)</b>	125 g poly bottle	\$ 23.00
<b>0630AL (05785-010)</b>	500 g poly bottle	77.30
	6 x 500 g poly bottle	69.40

**ANTIMONY SULFIDE, BLACK, TECHNICAL, POWDER**

(Antimony Trisulfide)

Sb<sub>2</sub>S<sub>3</sub> FW 339.72

DOT: Poison, Keep Away From Foods UN 1549

CAS #1345-04-6 RTECS CC9450000

Storage Code: Blue

<b>0635AL (05781-010)</b>	500 g poly bottle	\$ 26.95
	6 x 500 g poly bottle	24.35
<b>0635NG (05781-200)</b>	2.5 kg poly bottle	97.35
	4 x 2.5 kg poly bottle	75.75
<b>0635PV (05781-250)</b>	12 kg carton	366.50

**ANTIMONY TRIOXIDE POWDER**Sb<sub>2</sub>O<sub>3</sub> FW 291.50

DOT:

CAS# 1309-64-4

Storage Code:

<b>0640AL (05801-010)</b>	500 g poly bottle	\$56.95
<b>0640NG (05801-200)</b>	2.5 kg poly bottle	\$216.00

**ARSENIC TRIOXIDE ACS PRIMARY STANDARD**As<sub>2</sub>O<sub>3</sub> FW 197.84

DOT: Poison UN 1561

CAS #1327-53-3 RTECS CG3325000

Storage Code: Blue

**Specifications**

Assay (As <sub>2</sub> O <sub>3</sub> ) .....	99.95 - 100.05%
	Maximum Limits of Impurities
Antimony (Sb) .....	0.05%
Chloride (Cl) .....	0.005%
Insoluble in Dilute Hydrochloric Acid .....	0.01%
Iron (Fe) .....	5 ppm
Lead (Pb) .....	0.002%
Residue After Ignition .....	0.02%
Sulfide (S) .....	To Pass Test (approx. 0.001%)

<b>0645LB (11101-115)</b>	125 g poly bottle	\$ 368.75
<b>0645AL (11101-010)</b>	500 g poly bottle	\$1461.75

**L-ASCORBIC ACID, USP/FCC, FINE CRYSTAL**C<sub>6</sub>H<sub>8</sub>O<sub>6</sub> FW 176.13

CAS #50-81-7 RTECS CI7650000

Storage Code: Green

<b>0655LB (02362-115)</b>	125 g poly bottle	\$ 25.45
<b>0655AL (02362-010)</b>	500 g poly bottle	56.95

**AZOMETHINE-H**C<sub>17</sub>H<sub>12</sub>NO<sub>8</sub>S<sub>2</sub>Na FW 444.40

CAS #32266-60-7

Storage Code: Green

<b>8203AB (70385-002)</b>	1 g glass bottle	\$ 26.95
<b>8203BH (70385-019)</b>	5 g glass bottle	56.95
<b>8203JA (70385-091)</b>	25 g glass bottle	253.85
<b>8203AK (70385-009)</b>	100 g glass bottle	1260.70

**BARIUM ACETATE, ACS, CRYSTAL**

Ba(C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>)<sub>2</sub> FW 255.43  
 DOT: Poison UN 1564  
 CAS #543-80-6 RTECS AF4550000  
 Storage Code: Blue

**Specifications**

Assay .....	99.0 - 102.0%
	Maximum Limits of Impurities
Calcium (Ca) .....	0.05%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Oxidizing Substances (as NO <sub>3</sub> ) .....	0.005%
Strontium (Sr) .....	0.2%
Substances not Precipitated by Sulfuric Acid .....	0.1%

<b>0660AL (11133-010)</b>	500 g poly bottle	\$ 31.55
	6 x 500 g poly bottle	26.00
<b>0660NG (11133-200)</b>	2.5 kg poly bottle	151.45
	4 x 2.5 kg poly bottle	102.80
<b>0660PV (11133-250)</b>	12 kg carton	446.95

**BARIUM CARBONATE, ACS, POWDER**

BaCO<sub>3</sub> FW 197.35  
 DOT: Poison UN 1564  
 CAS #513-77-9 RTECS CQ8600000  
 Storage Code: Green

**Specifications**

Assay .....	99.0 - 101.0%
	Maximum Limits of Impurities
Calcium (Ca) .....	0.05%
Chloride (Cl) .....	0.002%
Heavy Metals (as Pb) .....	0.001%
Insoluble in Dilute Hydrochloric Acid .....	0.015%
Iron (Fe) .....	0.002%
Oxidizing Substances (as NO <sub>3</sub> ) .....	0.005%
Strontium (Sr) .....	0.7%
Substances not Precipitated by Sulfuric Acid .....	0.25%
Sulfide (S) .....	0.001%
Water Soluble Titratable Base .....	0.002 meq/g

<b>0665AL (11143-010)</b>	500 g poly bottle	\$ 59.85
	6 x 500 g poly bottle	48.95
<b>0665NG (11143-200)</b>	2.5 kg poly bottle	295.85
	4 x 2.5 kg poly bottle	242.05
<b>0665PV (11143-250)</b>	12 kg carton	1405.80

**BARIUM CHLORIDE, ANHYDROUS, PURIFIED, POWDER**

BaCl<sub>2</sub> FW 208.25  
 DOT: Poison UN 1564  
 CAS #10361-37-2  
 Storage Code: Blue

<b>0680AL (51260-010)</b>	500 g poly bottle	\$ 36.25
<b>0680NG (51260-200)</b>	2.5 kg poly bottle	93.15

**BARIUM CHLORIDE DIHYDRATE ACS CRYSTAL**

BaCl<sub>2</sub>·2H<sub>2</sub>O FW 244.28  
 DOT: Poison UN 1564  
 CAS #10326-27-9 RTECS CQ8751000  
 Storage Code: Blue

**Specifications**

Loss on drying at 150°C ..... 14.0 - 16.0%  
 pH of a 5% solution at 25°C ..... 5.2 - 8.2  
 Maximum Limits of Impurities  
 Calcium (Ca) ..... 0.05%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 2 ppm  
 Oxidizing Substances (as NO<sub>3</sub>) ..... 0.005%  
 Strontium (Sr) ..... 0.1%  
 Substances not Precipitated by Sulfuric Acid ..... 0.05%

<b>0685AL (11193-010)</b>	500 g poly bottle	\$ 26.95
	6 x 500 g poly bottle	21.65
<b>0685NG (11193-200)</b>	2.5 kg poly bottle	98.20
	4 x 2.5 kg poly bottle	86.55
<b>0685PV (11193-250)</b>	12 kg carton	342.60

**BARIUM CHLORIDE, TECHNICAL, CRYSTAL**

BaCl<sub>2</sub>·2H<sub>2</sub>O FW 244.28  
 DOT: Poison UN 1564  
 CAS #10326-27-9 RTECS CQ8751000  
 Storage Code: Blue

<b>0690AL (51263-010)</b>	500 g poly bottle	\$ 19.50
<b>0690NG (51263-200)</b>	2.5 kg poly bottle	51.95
<b>0690PV (51263-250)</b>	12 kg carton	186.30

**BARIUM CHLORIDE, 0.1 NORMAL SOLUTION**

<b>8206CM (62385-033)</b>	500 ml poly bottle	\$ 11.30
<b>8206GA (62385-067)</b>	1 L poly bottle	14.65
<b>8206GD (62385-070)</b>	3.8 L poly bottle	43.30

**BARIUM HYDROXIDE, ACS, CRYSTAL**

Ba(OH)<sub>2</sub>·8H<sub>2</sub>O FW 315.48  
 DOT: Poison UN 1564  
 CAS #12230-71-6  
 Storage Code: Blue

**Specifications**

Assay (Ba(OH)<sub>2</sub>·8H<sub>2</sub>O) ..... Min. 98.0%  
 Maximum Limits of Impurities  
 Calcium (Ca) ..... 0.05%  
 Carbonate (as BaCO<sub>3</sub>) ..... 2.0%  
 Chloride (Cl) ..... 0.001%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble in Dilute Hydrochloric Acid ..... 0.01%  
 Iron (Fe) ..... 0.001%  
 Strontium (Sr) ..... 0.8%  
 Substances not Precipitated by Sulfuric Acid ..... 0.2%  
 Sulfide (S) ..... To Pass Test  
 (approx. 0.001%)

<b>0700AL (11213-010)</b>	500 g poly bottle	\$ 42.20
	6 x 500 g poly bottle	34.65
<b>0700NG (11213-200)</b>	2.5 kg poly bottle	162.25
	4 x 2.5 kg poly bottle	124.45
<b>0700PV (11213-250)</b>	12 kg carton	549.80



**BARIUM HYDROXIDE, TECHNICAL, CRYSTALS**

Ba(OH)<sub>2</sub>·8H<sub>2</sub>O FW 315.48  
 DOT: Poison UN 1564  
 CAS #12230-71-6  
 Storage Code: Blue

**0705AL (51283-010)** 500 g poly bottle \$ 19.70  
**0705NG (51283-200)** 2.5 kg poly bottle 80.25

**BARIUM NITRATE, ACS, CRYSTAL**

Ba(NO<sub>3</sub>)<sub>2</sub> FW 261.35  
 DOT: Oxidizer, Poison UN 1446  
 CAS #10022-31-8 RTECS CQ9625000  
 Storage Code: Yellow

**Specifications**

Assay (Ba(NO<sub>3</sub>)<sub>2</sub>) ..... Min. 99.0%  
 pH of a 5% solution at 25°C ..... 5.0 - 8.0

**Maximum Limits of Impurities**

Calcium (Ca) ..... 0.05%  
 Chloride (Cl) ..... 5 ppm  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 2 ppm  
 Strontium (Sr) ..... 0.1%  
 Substances not Precipitated by Sulfuric Acid ..... 0.05%

**0715LB (11243-115)** 125 g poly bottle \$ 19.70  
 6 x 125 g poly bottle 12.45  
**0715AL (11243-010)** 500 g poly bottle 30.30  
 6 x 500 g poly bottle 23.85  
**0715NG (11243-200)** 2.5 kg poly bottle 95.85  
 4 x 2.5 kg poly bottle 82.80  
**0715PV (11243-250)** 12 kg carton 388.15

**BARIUM NITRATE, TECHNICAL, POWDER**

Ba(NO<sub>3</sub>)<sub>2</sub> FW 261.35  
 DOT: Oxidizer, Poison UN 1446  
 CAS #10022-31-8 RTECS CQ9625000  
 Storage Code: Yellow

**0720NG (51291-200)** 2.5 kg poly bottle \$ 68.50  
 4 x 2.5 kg poly bottle 54.90  
**0720PV (51291-250)** 12 kg carton 239.05  
**0720UA (51291-600)** 45.4 kg (100 lb) drum 394.75

**BARIUM SULFATE, LAB GRADE, POWDER**

BaSO<sub>4</sub> FW 233.40  
 CAS #7727-43-7 RTECS CR0600000  
 Storage Code: Green

**0735AL (52128-010)** 500 g poly bottle \$ 21.65  
**0735NG (52128-200)** 2.5 kg poly bottle 46.60  
**0735PV (52128-250)** 12 kg carton 135.25

**BENEDICT'S SOLUTION, QUALITATIVE**

(for detection of sugars)

<b>8221CM (62400-033)</b>	500 ml poly bottle	\$ 6.75
<b>8221GA (62400-067)</b>	1 L poly bottle	9.06
<b>8221GD (62400-070)</b>	3.8 L poly bottle	24.85
<b>8221QH (62400-292)</b>	20 L Hedwin cube	74.90

**BENEDICT'S SOLUTION, QUANTITATIVE**

<b>8224CM (62405-033)</b>	500 ml poly bottle	\$ 10.90
<b>8224GA (62405-067)</b>	1 L poly bottle	15.55
<b>8224GD (62405-070)</b>	3.8 L poly bottle	48.49

**BENZALDEHYDE, REAGENT (MEETS NF SPECIFICATIONS)**

C<sub>6</sub>H<sub>5</sub>CHO                      FW 106.12                      (1 L = 1.05 kg)  
CAS #100-52-7                      RTECS CU4375000  
Storage Code: Red

**Specifications**

Assay (C<sub>6</sub>H<sub>5</sub>CHO) ..... 98.0 - 100.5%  
Refractive Index at 20°C ..... 1.544 - 1.546  
Specific Gravity (25°/25°C) ..... 1.041 - 1.046

**Maximum Limits of Impurities**

Chlorinated Compounds ..... To Pass Test  
Hydrocyanic Acid ..... To Pass Test  
Nitrobenzene ..... To Pass Test  
Organic Volatile Impurities ..... To Pass Test

<b>0765CH (11250-030)</b>	500 ml glass bottle	\$ 22.80
<b>0765ML (11250-150)</b>	4 L glass bottle	80.70

**BENZALKONIUM CHLORIDE, (50% AQUEOUS SOLUTION)**

(Alylbenzylidimethylammonium Chlorides)

C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>N(CH<sub>3</sub>)<sub>2</sub>RCI                      (R=C<sub>8</sub>H<sub>17</sub> to C<sub>18</sub>H<sub>37</sub>)  
CAS #8001-54-5                      RTECS BO3150000  
Storage Code: Blue

<b>0775CM (11255-033)</b>	500 ml poly bottle	\$ 26.05
<b>0775HB (11255-080)</b>	4 L poly bottle	73.30

**BENZOIC ACID, ACS, CRYSTAL**

C<sub>6</sub>H<sub>5</sub>COOH                      FW 122.12  
DOT: Not Regulated (RQ 5000 lb.)  
CAS #65-85-0                      RTECS DG0875000  
Storage Code: Green

**Specifications**

Assay ..... Min. 99.5%  
Freezing Point ..... 122° - 123°C

**Maximum Limits of Impurities**

Chlorine Compounds (as Cl) ..... 0.005%  
Heavy Metals (as Pb) ..... 5 ppm  
Insoluble in Methanol ..... 0.005%  
Residue After Ignition ..... 0.005%  
Substances Reducing Permanganate ..... To Pass Test  
Sulfur Compounds (as S) ..... 0.002%

<b>0805LA (11283-114)</b>	100 g poly bottle	\$ 18.65
<b>0805AL (11283-010)</b>	500 g poly bottle	43.50
	6 x 500 g poly bottle	35.20
<b>0805NG (11283-200)</b>	2.5 kg poly bottle	140.60
	4 x 2.5 kg poly bottle	129.80
<b>0805PV (11283-250)</b>	12 kg carton	416.45

**BENZOIC ACID, USP, CRYSTAL**C<sub>6</sub>H<sub>5</sub>COOH FW 122.12

DOT: Not Regulated (RQ 5000 lb.)

CAS #65-85-0 RTECS DG0875000

Storage Code: Green

<b>0825LA (02453-114)</b>	100 g poly bottle	\$ 16.60
<b>0825AL (02453-010)</b>	500 g poly bottle	40.40
<b>0825NG (02453-200)</b>	2.5 kg poly bottle	98.35
<b>0825PV (02453-250)</b>	12 kg carton	256.35
<b>0825UC (02453-700)</b>	50 kg (110 lb) drum	470.95

**BISMUTH METAL, REAGENT, GRANULAR**

Bi AW 208.98

CAS #7440-69-9 RTECS EB2600000

Storage Code: Green

**Specifications**

Assay (Bi) .....	Min. 99.8%
	Maximum Limits of Impurities
Antimony (Sb) .....	0.01%
Arsenic (As) .....	1 ppm
Copper (Cu) .....	0.001%
Iron (Fe) .....	0.002%
Lead (Pb) .....	0.005%
Silver (Ag) .....	0.005%
Zinc (Zn) .....	0.005%

<b>0840LB (11302-115)</b>	125 g poly bottle	\$ 32.75
	6 x 125 g poly bottle	29.30
<b>0840AL (11302-010)</b>	500 g poly bottle	135.25
<b>0840NG (11302-200)</b>	2.5 kg poly bottle	428.60

**BISMUTH TRIOXIDE, REAGENT, POWDER**Bi<sub>2</sub>O<sub>3</sub> FW 465.96

CAS #1304-76-3

Storage Code: Green

**Specifications**

Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.001%
Iron (Fe) .....	0.005%
Lead (Pb) .....	0.003%
Nitrate (NO <sub>3</sub> ) .....	0.03%
Sulfur Compounds (as SO <sub>4</sub> ) .....	0.002%

<b>0850AL (11307-010)</b>	500 g poly bottle	\$227.15
	6 x 500 g poly bottle	153.60

**BIURET SOLUTION (Serum Protein Test)**

<b>8236CM (62425-033)</b>	500 ml poly bottle	\$ 9.45
<b>8236GA (62425-067)</b>	1 L poly bottle	14.55

**BORIC ACID, ACS, GRANULAR**

H<sub>3</sub>BO<sub>3</sub> FW 61.83  
 CAS #10043-35-3 RTECS ED4550000  
 Storage Code: Green

	<b>Specifications</b>
Assay .....	Min. 99.5%
	<b>Maximum Limits of Impurities</b>
Arsenic (As) .....	1 ppm
Calcium (Ca) .....	0.005%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	0.001%
Insoluble in Methanol .....	0.005%
Iron (Fe) .....	0.001%
Nonvolatile with Methanol .....	0.05%
Phosphate (PO <sub>4</sub> ) .....	0.001%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>0870AL (11323-010)</b>	500 g poly bottle	\$ 23.70
	6 x 500 g poly bottle	18.65
<b>0870NG (11323-200)</b>	2.5 kg poly bottle	79.05
	4 x 2.5 kg poly bottle	67.70
<b>0870PV (11323-250)</b>	12 kg carton	267.05
<b>0870VW (11323-960)</b>	150 kg (330 lb) drum	1443.85

**BORIC ACID, USP, CRYSTAL**

H<sub>3</sub>BO<sub>3</sub> FW 61.83  
 CAS #10043-35-3 RTECS ED4550000  
 Storage Code: Green

<b>0885AL (47763-010)</b>	500 g poly bottle	\$ 23.85
	6 x 500 g poly bottle	18.40
<b>0885NG (47763-200)</b>	2.5 kg poly bottle	84.90
	4 x 2.5 kg poly bottle	62.10
<b>0885PV (47763-250)</b>	12 kg carton	194.70
<b>0885VW (47763-960)</b>	150 kg (330 lb) drum	676.05

**BORIC ACID, NF, POWDER**

H<sub>3</sub>BO<sub>3</sub> FW 61.83  
 CAS #10043-35-3 RTECS ED4550000  
 Storage Code: Green

<b>0875AL (47761-010)</b>	500 g poly bottle	\$ 26.00
	6 x 500 g poly bottle	20.05
<b>0875NG (47761-200)</b>	2.5 kg poly bottle	88.00
	4 x 2.5 kg poly bottle	65.25
<b>0875PV (47761-250)</b>	12 kg carton	200.15

**BORIC ACID, TECHNICAL, GRANULAR**

H<sub>3</sub>BO<sub>3</sub> FW 61.83  
 CAS #10043-35-3 RTECS ED4550000  
 Storage Code: Green

<b>0880AL (52253-010)</b>	500 g poly bottle	\$ 19.20
<b>0880NG (52253-200)</b>	2.5 kg poly bottle	27.10
<b>0880PV (52253-250)</b>	12 kg carton	90.10

**BORIC ACID, 4% (w/v), Aqueous**

with Bromocresol Green - Methyl Red Indicator

<b>8245HB (62430-080)</b>	4 L poly bottle	\$ 14.65
<b>8245QH (62430-292)</b>	20 L Hedwin cube	90.15

**BRAY P-1 CONCENTRATE**

Soils Extractant

(1 L concentrate dilutes with distilled water for 19 L)

<b>8260GA (63162-067)</b>	1 L poly bottle	\$ 54.75
	6 x 1 L poly bottle	49.70
<b>8260HB (63162-080)</b>	4 L poly bottle	174.95
	4 x 4 L poly bottle	160.45
<b>8260QH (63162-292)</b>	20 L Hedwin cube	631.35
	4 x 20 L Hedwin cube	610.65

**BRILLIANT GREEN, (C.I. 42040)**C<sub>27</sub>H<sub>34</sub>N<sub>2</sub>O<sub>4</sub>S

FW 482.64

CAS #633-03-4

RTECS BP6825000

Storage Code: Green

<b>0890AH (51451-008)</b>	25 g poly bottle	\$ 45.95
	6 x 25 g poly bottle	37.60
<b>0890LA (51451-114)</b>	100 g poly bottle	86.55

**BRILLIANT GREEN, 1% STAINING SOLUTION**

<b>8266CM (62440-033)</b>	500 ml poly bottle	\$ 11.00
<b>8266GA (62440-067)</b>	1 L poly bottle	15.75

**BROMINE, ACS**Br<sub>2</sub>

FW 159.82

(1 L = 3.10 kg)

DOT: Corrosive Material, Poison Inhalation Hazard (Zone A)

UN 1744

CAS #7726-95-6

RTECS EF9100000

Storage Code: Yellow

**Specifications**

Assay (Br <sub>2</sub> ) .....	Min. 99.5%
	Maximum Limits of Impurities
Chlorine (Cl) .....	0.05%
Heavy Metals (as Pb) .....	2 ppm
Iodine (I) .....	0.001%
Nickel (Ni) .....	5 ppm
Organic Bromine Compounds .....	To Pass Test
Residue After Evaporation .....	0.005%
Sulfur Compounds (as S) .....	0.001%

<b>0895BK (11340-021)</b>	30 ml glass bottle	\$ 62.10
	6 x 30 ml glass bottle	46.60
<b>0895CC (11340-025)</b>	150 ml glass bottle	70.35
	6 x 150 ml glass bottle	56.25

**BROMINE WATER, SATURATED**

<b>8272CH (62470-030)</b>	500 ml glass bottle	\$ 39.00
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**BROMOCRESOL GREEN, ACS, POWDER, pH 3.8 - 5.4 (Yellow - Blue)**

CAS #76-60-8

**Specifications**

Clarity of Solution .....	To Pass Test
Visual Transition Interval .....	pH 3.8 (yellow) to pH 5.4 (blue)

<b>8281AF (70889-006)</b>	5 g poly bottle	\$ 55.45
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**BROMOCRESOL GREEN, pH 3.8 - 5.4 INDICATOR SOLUTION**

<b>8275KK (62480-111)</b>	100 ml poly bottle	\$ 6.65
<b>8275CM (62480-033)</b>	500 ml poly bottle	12.95

**BROMOCRESOL PURPLE, pH 5.2 - 6.8, INDICATOR SOLUTION, 0.04%**

<b>8284KK (62490-111)</b>	100 ml poly bottle	\$ 5.25
<b>8284CM (62490-033)</b>	500 ml poly bottle	17.85

**BROMOFORM 96% (STABILIZED WITH 1-3% ETHANOL)**

CHBr<sub>3</sub> FW 252.75  
 DOT: Bromoform, 6.1, UN2515, PGIII  
 CAS# 75-25-2  
 Storage Code: Blue

<b>0900MA (11345-126)</b>	1 kg glass bottle	\$ 91.00
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**BROMOPHENOL BLUE, pH 3.0 - 4.6, INDICATOR SOLUTION, 0.04%**

<b>8293KK (62500-111)</b>	100 ml poly bottle	\$ 5.40
<b>8293CM (62500-033)</b>	500 ml poly bottle	9.95
<b>8293GA (62500-067)</b>	1 L poly bottle	13.30

**BROMOTHYMOL BLUE, ACS, POWDER, SODIUM SALT**

C<sub>27</sub>H<sub>27</sub>Br<sub>2</sub>NaO<sub>5</sub>S FW 646.38  
 CAS #34722-90-2  
 Storage Code: Green

**Specifications**

Clarity of Solution ..... To Pass Test  
 Visual Transition Interval ..... pH 6.0 (yellow) - pH 7.6 (blue)

<b>0910AF (11351-006)</b>	5 g poly bottle	\$ 23.85
<b>0910AH (11351-008)</b>	25 g poly bottle	51.95

**BROMOTHYMOL BLUE, 0.04% Aqueous Solution, pH 6.0 - 7.6**

<b>8299KK (62510-111)</b>	100 ml poly bottle	\$ 5.95
<b>8299CM (62510-033)</b>	500 ml poly bottle	9.80
<b>8299GA (62510-067)</b>	1 L poly bottle	17.30
<b>8299GD (62510-070)</b>	3.8 L poly bottle	41.80

**BUFFER SOLUTION, pH 4.0, A.P.H.A. - for residual Chlorine**

(Sodium Acetate - Acetic Acid Buffer) For sewage treatment work.  
 Meets ASTM D1427

<b>8302GA (61200-067)</b>	1 L poly bottle	\$ 13.55
<b>8302GD (61200-070)</b>	3.8 L poly bottle	40.65
<b>8302QH (61200-292)</b>	20 L Hedwin cube	118.50

**BUFFER MASKING SOLUTION**

<b>8305GA (62560-067)</b>	1 L poly bottle	\$ 30.15
<b>8305HB (62560-080)</b>	4 L poly bottle	91.10

**BUFFER SOLUTION, pH 1.00 ± 0.01 @ 25°C**

(Potassium Chloride - Hydrochloric Acid Buffer)

<b>8317CM (62600-033)</b>	500 ml poly bottle	\$ 11.35
<b>8317GA (62600-067)</b>	1 L poly bottle	14.45

**BUFFER SOLUTION, pH 2.00 ± 0.01 @ 25°C**

(Potassium Chloride - Hydrochloric Acid Buffer)

<b>8335CM (62630-033)</b>	500 ml poly bottle	\$ 11.35
<b>8335GA (62630-067)</b>	1 L poly bottle	14.45

**BUFFER SOLUTION, pH 3.00 ± 0.01 @ 25°C**

(Potassium Acid Phthalate - Hydrochloric Acid Buffer)

<b>8347CM (62635-033)</b>	500 ml poly bottle	\$ 11.35
<b>8347GA (62635-067)</b>	1 L poly bottle	14.45

**BUFFER SOLUTION, pH 4.01 ± 0.01 @ 25°C**

(Potassium Acid Phthalate Buffer)

<b>8356CM (62640-033)</b>	500 ml poly bottle	\$ 8.80
<b>8356GA (62640-067)</b>	1 L poly bottle	13.45
<b>8356GD (62640-070)</b>	3.8 L poly bottle	29.40
<b>8356QH (62640-292)</b>	20 L Hedwin cube	56.60

**BUFFER SOLUTION, pH 4.01 ± 0.01 @ 25°C, Color Code Red**

(Potassium Acid Phthalate Buffer)

<b>8359CM (62641-033)</b>	500 ml poly bottle	\$ 8.80
<b>8359GA (62641-067)</b>	1 L poly bottle	13.45
<b>8359GD (62641-070)</b>	3.8 L poly bottle	29.40
<b>8359QH (62641-292)</b>	20 L Hedwin cube	56.60

**BUFFER SOLUTION, pH 5.00 ± 0.01 @ 25°C**

(Potassium Acid Phthalate - Sodium Hydroxide Buffer)

<b>8365CM (62645-033)</b>	500 ml poly bottle	\$ 10.90
<b>8365GA (62645-067)</b>	1 L poly bottle	12.45

**BUFFER SOLUTION, pH 6.00 ± 0.01 @ 25°C**

(Potassium Phosphate Monobasic - Sodium Hydroxide Buffer)

<b>8371CM (62650-033)</b>	500 ml poly bottle	\$ 11.90
<b>8371GA (62650-067)</b>	1 L poly bottle	14.45

**BUFFER SOLUTION, pH 6.86 ± 0.01 @ 25°C**

(Potassium Phosphate Monobasic - Sodium Phosphate Dibasic Buffer)

<b>8377CM (62655-033)</b>	500 ml poly bottle	\$ 12.40
<b>8377GA (62655-067)</b>	1 L poly bottle	14.50

**BUFFER SOLUTION, pH 7.00 ± 0.01 @ 25°C**

(Potassium Phosphate Monobasic - Sodium Hydroxide Buffer)

<b>8380CM (62660-033)</b>	500 ml poly bottle	\$ 8.80
<b>8380GA (62660-067)</b>	1 L poly bottle	13.45
<b>8380GD (62660-070)</b>	3.8 L poly bottle	29.40
<b>8380QH (62660-292)</b>	20 L Hedwin cube	56.60

**BUFFER SOLUTION, pH 7.00 ± 0.01 @ 25°C, Color Coded Yellow**

(Potassium Phosphate Monobasic - Sodium Hydroxide Buffer)

<b>8386CM (62661-033)</b>	500 ml poly bottle	\$ 8.80
<b>8386GA (62661-067)</b>	1 L poly bottle	13.45
<b>8386GD (62661-070)</b>	3.8 L poly bottle	29.40
<b>8386QH (62661-292)</b>	20 L Hedwin cube	56.60

**BUFFER SOLUTION, pH 8.00 ± 0.01 @ 25°C**

(Potassium Phosphate Monobasic - Sodium Hydroxide Buffer)

<b>8395CM (62665-033)</b>	500 ml poly bottle	\$ 11.35
<b>8395GA (62665-067)</b>	1 L poly bottle	14.55

**BUFFER SOLUTION, pH 9.00 ± 0.01 @ 25°C**

(Boric Acid--Potassium Chloride--Sodium Hydroxide Buffer)

<b>8398CM (62670-033)</b>	500 ml poly bottle	\$ 11.35
<b>8398GA (62670-067)</b>	1 L poly bottle	14.55

**BUFFER SOLUTION, pH 10.00 ± 0.01 @ 25°C**

(Potassium Carbonate - Potassium Borate - Potassium Hydroxide Buffer)

<b>8320CM (62680-033)</b>	500 ml poly bottle	\$ 8.80
<b>8320GA (62680-067)</b>	1 L poly bottle	13.45
<b>8320GD (62680-070)</b>	3.8 L poly bottle	29.40
<b>8320QH (62680-292)</b>	20 L Hedwin cube	56.60

**BUFFER SOLUTION, pH 10.00 ± 0.01 @ 25°C, Color Coded Blue**

(Potassium Carbonate - Potassium Borate - Potassium Hydroxide Buffer)

<b>8323CM (62681-033)</b>	500 ml poly bottle	\$ 8.80
<b>8323GA (62681-067)</b>	1 L poly bottle	13.45
<b>8323GD (62681-070)</b>	3.8 L poly bottle	29.40
<b>8323QH (62681-292)</b>	20 L Hedwin cube	56.60

**BUFFER SOLUTION, pH 11.00 ± 0.01 @ 25°C**

(Boric Acid - Sodium Hydroxide Buffer)

<b>8326CM (62685-033)</b>	500 ml poly bottle	\$ 10.35
<b>8326GA (62685-067)</b>	1 L poly bottle	14.45





**tert-BUTYL ALCOHOL, REAGENT**

(CH<sub>3</sub>)<sub>3</sub>COH                      FW 74.12                      (1 L = 0.779 kg)  
 DOT: Flammable Liquid                      UN 1120  
 CAS #75-65-0                      RTECS EO1925000  
 Storage Code: Red

**Specifications**

Assay ..... Min. 99.3%  
 Boiling Range ..... 81.5° - 83.0°C  
 Freezing Point ..... Min. 24°C

**Maximum Limits of Impurities**

Acidity (as Acetic Acid) ..... 0.003%  
 Color ..... APHA 10  
 Nonvolatile Matter ..... 0.002%  
 Water ..... 0.15%

<b>0940CM (11430-033)</b>	500 ml poly bottle	\$ 19.10
	6 x 500 ml poly bottle	15.80
<b>0940HB (11430-080)</b>	4 L poly bottle	56.45
	4 x 4 L poly bottle	52.65
<b>0940QF (11430-290)</b>	19 L Ventflo carboy	189.70

**n-BUTYRIC ACID, FCC**

CH<sub>3</sub>(CH<sub>2</sub>)<sub>2</sub>COOH                      FW 88.11                      (1 L = 0.959 kg)  
 DOT: Corrosive Material                      UN 2820  
 CAS #107-92-6                      RTECS ES5425000  
 Storage Code: Red

<b>0950FC (31140-057)</b>	1 L glass bottle	\$ 32.45
<b>0950ML (31140-150)</b>	4 L glass bottle	51.95
<b>0950QF (31140-290)</b>	19 L Ventflo carboy	190.10

**CADMIUM CHLORIDE, REAGENT CRYSTALS**

CdCl<sub>2</sub> · 2 1/2H<sub>2</sub>O                      FW 228.35  
 DOT: Poison                      UN 2570  
 CAS #7790-78-5                      RTECS EV0178000  
 Storage Code: Blue

**Specifications**

Assay (CdCl<sub>2</sub>) ..... 79.5 - 81.0%

<b>0970LB (11453-115)</b>	125 g poly bottle	\$ 41.40
<b>0970AL (11453-010)</b>	500 g poly bottle	72.25
	6 x 500 g poly bottle	62.75
<b>0970NG (11453-200)</b>	2.5 kg poly bottle	292.05
	4 x 2.5 kg poly bottle	227.15

**CADMIUM NITRATE, REAGENT, CRYSTAL**

Cd(NO<sub>3</sub>)<sub>2</sub> · 4H<sub>2</sub>O                      FW 308.47  
 DOT: Oxidizer                      UN 1477  
 CAS #10022-68-1                      RTECS EV1850000  
 Storage Code: Yellow

**Specifications****Maximum Limits of Impurities**

Chloride (Cl) ..... 0.001%  
 Copper (Cu) ..... 0.002%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 0.001%  
 Lead (Pb) ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... 0.003%  
 Zinc (Zn) ..... 0.05%

<b>0985LB (11473-115)</b>	125 g poly bottle	\$ 50.85
<b>0985AL (11473-010)</b>	500 g poly bottle	80.10
	6 x 500 g poly bottle	71.45

**CADMIUM SULFATE, ACS, CRYSTAL**

3CdSO4! 8H2O

FW 769.51

CAS #7790-84-3

RTECS EV2850000

Storage Code: Blue

**Specifications**

Assay .....	98.0 - 102.0%
	Maximum Limits of Impurities
Arsenic (As) .....	2 ppm
Chloride (Cl) .....	0.001%
Copper (Cu) .....	0.002%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Lead (Pb) .....	0.003%
Nitrate and Nitrite (as NO3) .....	0.003%
Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) .....	0.1%
Zinc (Zn) .....	0.1%

<b>0990LB (11493-115)</b>	125 g poly bottle	\$ 51.95
	6 x 125 g poly bottle	32.45
<b>0990AL (11493-010)</b>	500 g poly bottle	134.15
	6 x 500 g poly bottle	86.55

**CAFFEINE, ANHYDROUS, USP, POWDER**

C8H10N4O2

FW 194.19

CAS #58-08-2

RTECS EV6475000

Storage Code: Green

<b>1005LB (21591-115)</b>	125 g poly bottle	\$ 18.65
<b>1005AL (21591-010)</b>	500 g poly bottle	27.60
<b>1005NG (21591-200)</b>	2.5 kg poly bottle	95.85

**CALCIUM ACETATE, FCC, POWDER**

Ca(C2H3O2)2! H2O

FW 176.19

CAS #62-54-4

RTECS AF7525000

Storage Code: Green

<b>1010AL (31161-010)</b>	500 g poly bottle	\$ 29.00
<b>1010NG (31161-200)</b>	2.5 kg poly bottle	77.65

**CALCIUM CARBIDE, 10-40 MESH**

CaC2

FW 64.11

DOT: Dangerous When Wet

UN 1402

CAS #75-20-7

RTECS EV9400000

Storage Code: Red

<b>1020BF (51842-017)</b>	500 g bottle w/can	\$ 22.75
<b>1020LL (51842-124)</b>	2.5 kg bottle w/can	41.40

**CALCIUM CARBONATE, ACS, POWDER**

CaCO3

FW 100.09

CAS #471-34-1

RTECS EV9580000

Storage Code: Green

**Specifications**

Assay (CaCO3) (Dried Basis) .....	Min. 99.0%
	Maximum Limits of Impurities
Ammonium (NH4) .....	0.003%
Ammonium Hydroxide Precipitate .....	0.01%
Barium (Ba) .....	0.005%
Chloride (Cl) .....	0.001%
Fluoride (F) .....	0.0015%
Heavy Metals (as Pb) .....	0.001%
Insoluble in Dilute Hydrochloric Acid .....	0.01%
Iron (Fe) .....	0.003%
Magnesium (Mg) .....	0.02%
Oxidizing Substances (as NO3) .....	0.005%
Potassium (K) .....	0.01%
Sodium (Na) .....	0.1%
Strontium (Sr) .....	0.1%

Sulfate (SO4) ..... 0.01%  
 Water Soluble Titratable Base ..... 0.002 meq/g

<b>1035LB (11511-115)</b>	125 g poly bottle	\$ 30.55
	6 x 125 g poly bottle	28.70
<b>1035AL (11511-010)</b>	500 g poly bottle	41.95
	6 x 500 g poly bottle	34.65
<b>1035NE (11511-195)</b>	2 kg poly bottle	114.20
	4 x 2 kg poly bottle	98.70
<b>1035PV (11511-250)</b>	12 kg carton	493.80
<b>1035UC (11511-700)</b>	50 kg (110 lb) drum	1250.00

**CALCIUM CARBONATE, PRECIPITATED, LIGHT, USP, POWDER**

CaCO<sub>3</sub> ..... FW 100.09  
 CAS #471-34-1 ..... RTECS EV9580000  
 Storage Code: Green

<b>1040AL (02601-010)</b>	500 g poly bottle	\$ 24.00
	6 x 500 g poly bottle	18.00
<b>1040NE (02601-195)</b>	2 kg poly bottle	40.75
	4 x 2 kg poly bottle	34.90
<b>1040PV (02601-250)</b>	12 kg carton	106.75
<b>1040TQ (02601-510)</b>	22.7 kg (50 lb) bag	157.80

**CALCIUM CARBONATE (MARBLE CHIPS)**

CaCO<sub>3</sub> ..... FW 100.09  
 CAS #471-34-1 ..... RTECS EV9580000  
 Storage Code: Green

<b>1055AL (05604-010)</b>	500 g poly bottle	\$ 10.20
<b>1055NG (05604-200)</b>	2.5 kg poly bottle	27.10
<b>1055PV (05604-250)</b>	12 kg carton	45.15

**CALCIUM CHLORIDE, DIHYDRATE, ACS, POWDER**

CaCl<sub>2</sub> · 2H<sub>2</sub>O ..... FW 147.02  
 CAS #10035-04-8 ..... RTECS EV9800000  
 Storage Code: Green

**Specifications**

Assay (as CaCl<sub>2</sub>) ..... 74.0 - 78.0%  
 pH of a 5% solution at 25°C ..... 4.5 - 8.5

**Maximum Limits of Impurities**

Ammonium (NH<sub>4</sub>) ..... 0.005%  
 Barium (Ba) ..... 0.005%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble and Ammonium Hydroxide Precipitate ..... 0.01%  
 Iron (Fe) ..... 0.001%  
 Magnesium (Mg) ..... 0.005%  
 Oxidizing Substances (as NO<sub>3</sub>) ..... 0.003%  
 Potassium (K) ..... 0.01%  
 Sodium (Na) ..... 0.02%  
 Strontium (Sr) ..... 0.1%  
 Sulfate (SO<sub>4</sub>) ..... 0.01%

<b>1105AL (11672-010)</b>	500 g poly bottle	\$ 20.70
	6 x 500 g poly bottle	18.65
<b>1105NG (11672-200)</b>	2.5 kg poly bottle	77.65
	4 x 2.5 kg poly bottle	62.10
<b>1105PV (11672-250)</b>	12 kg carton	270.90
<b>1105UC (11672-700)</b>	50 kg (110 lb) drum	672.75

**CALCIUM CHLORIDE, ANHYDROUS, BRINERS GRADE, 93-95%**

CaCl <sub>2</sub>		FW 110.99
CAS #10043-52-4		RTECS EV9800000
Storage Code: Green		
<b>1060TQ (51662-510)</b>	22.7 kg (50 lb) bag	\$ 39.55
	40 x 22.7 kg (50 lb) bags	32.35

**CALCIUM CHLORIDE, ANHYDROUS, FCC, 20 MESH**

CaCl <sub>2</sub>		FW 110.99
CAS #10043-52-4		RTECS EV9800000
Storage Code: Green		
<b>1095AL (21667-010)</b>	500 g poly bottle	\$ 18.45
<b>1095NG (21667-200)</b>	2.5 kg poly bottle	50.75
	4 x 2.5 kg poly bottle	46.55
<b>1095PV (21667-250)</b>	12 kg carton	124.05
<b>1095UA (21667-600)</b>	45.4 kg (100 lb) drum	164.20
	4 x 45.4 kg (100 lb) drum	147.95

**CALCIUM CHLORIDE, ANHYDROUS, PURIFIED, 4-8 MESH**

CaCl <sub>2</sub>	FW 110.99	(Desiccant)
CAS #10043-52-4		RTECS EV9800000
Storage Code: Green		
<b>1085AL (51665-010)</b>	500 g poly bottle	\$ 27.10
	6 x 500 g poly bottle	21.65
<b>1085NG (51665-200)</b>	2.5 kg poly bottle	44.05
	4 x 2.5 kg poly bottle	33.85
<b>1085PV (51665-250)</b>	12 kg carton	101.55
	4 x 12 kg carton	96.45
<b>1085UC (51665-700)</b>	50 kg (110 lb) drum	151.45

**CALCIUM CHLORIDE, 0.02 (M/50) MOLAR Volumetric Solution**

<b>8407CM (62700-033)</b>	500 ml poly bottle	\$ 10.35
<b>8407GA (62700-067)</b>	1 L poly bottle	12.45

**CALCIUM CHLORIDE, 0.025 (M/40) MOLAR Volumetric Solution**

<b>8410CM (62705-033)</b>	500 ml poly bottle	\$ 10.35
<b>8410GA (62705-067)</b>	1 L poly bottle	12.45

**CALCIUM CHLORIDE, 2.75% (w/v) Aqueous, A.P.H.A.**

for Biochemical Oxygen Demand

<b>8419CM (62710-033)</b>	500 ml poly bottle	\$ 10.35
<b>8419GA (62710-067)</b>	1 L poly bottle	12.45
<b>8419GD (62710-070)</b>	3.8 L poly bottle	20.85

**CALCIUM FLUORIDE, TECHNICAL, POWDER**

CaF <sub>2</sub>		FW 78.08
CAS #7789-75-5		RTECS EW 1760000
Storage Code: Green		
<b>1115AL (51321-010)</b>	500 g poly bottle	\$ 15.55
<b>1115NG (51321-200)</b>	2.5 kg poly bottle	36.25
<b>1115PV (51321-250)</b>	12 kg carton	77.25

**CALCIUM HYDROXIDE, ACS, POWDER**

Ca(OH)<sub>2</sub> FW 74.09  
 CAS #1305-62-0 RTECS EW 2800000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 95.0% Ca(OH)<sub>2</sub> and Min. 3.0% CaCO<sub>3</sub>

**Maximum Limits of Impurities**

Chloride (Cl) ..... 0.03%  
 Heavy Metals (as Pb) ..... 0.003%  
 Insoluble in Hydrochloric Acid ..... 0.03%  
 Iron (Fe) ..... 0.05%  
 Magnesium and Alkali Salts (as Sulfates) ..... 1.0%  
 Sulfur Compounds (as SO<sub>4</sub>) ..... 0.1%

<b>1120AL (11711-010)</b>	500 g poly bottle	\$ 40.20
	6 x 500 g poly bottle	32.90
<b>1120NG (11711-200)</b>	2.5 kg poly bottle	56.60
	4 x 2.5 kg poly bottle	46.30
<b>1120PV (11711-250)</b>	12 kg carton	234.60
<b>1120UC (11711-700)</b>	50 kg (110 lb) drum	397.65

**CALCIUM HYDROXIDE, USP, POWDER**

Ca(OH)<sub>2</sub> FW 74.10  
 CAS #1305-62-0 RTECS EW 2800000  
 Storage Code: Green

<b>1140AL (02611-010)</b>	500 g poly bottle	\$ 16.60
<b>1140PB (02611-210)</b>	2.5 kg carton	31.40
<b>1140PV (02611-250)</b>	12 kg carton	95.85
<b>1140TQ (02611-510)</b>	22.7 kg (50 lb) bags	77.85
	40 x 22.7 kg (50 lb) bags	44.60
<b>1140UH (02611-720)</b>	68 kg (150 lb) drum	219.90
	12 x 68 kg (150 lb) drum	168.00

**CALCIUM HYPOCHLORITE, GRANULAR**

(65% Chlorine available)  
 Ca(OCl)<sub>2</sub> FW 142.99  
 DOT: Oxidizer UN 1748  
 CAS #7778-54-3 RTECS NH3485000  
 Storage Code: Yellow

<b>1145AL (57312-010)</b>	500 g poly bottle	\$ 18.25
<b>1145NG (57312-200)</b>	2.5 kg poly bottle	44.15
<b>1145PV (57312-250)</b>	12 kg carton	197.85

**CALCIUM METAL, ELECTROLYTIC CHIPS**

Ca AW 40.08  
 DOT: Dangerous When Wet UN 1401  
 CAS #7440-70-2 RTECS EV8040000  
 Storage Code: Red

<b>1150LB (51802-115)</b>	125 g poly bottle	\$ 36.25
	6 x 125 g poly bottle	27.10
<b>1150AL (51802-010)</b>	500 g poly bottle	103.50
	6 x 500 g poly bottle	97.40

**CALCIUM NITRATE, ACS, CRYSTAL**

Ca(NO<sub>3</sub>)<sub>2</sub>·4H<sub>2</sub>O FW 236.16  
 DOT: Oxidizer UN 1454  
 CAS #13477-34-4 RTECS EW 3000000  
 Storage Code: Yellow

**Specifications**

Assay (Ca(NO<sub>3</sub>)<sub>2</sub>·4H<sub>2</sub>O) ..... 99.0 - 103.0%  
 pH of a 5% solution at 25°C ..... 5.0 - 7.0  
 Maximum Limits of Impurities  
 Barium (Ba) ..... 0.005%  
 Chloride (Cl) ..... 0.005%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter and Ammonium Hydroxide Precipitate ..... 0.005%  
 Iron (Fe) ..... 5 ppm  
 Magnesium and Alkali Salts (as Sulfates) ..... 0.2%  
 Sulfate (SO<sub>4</sub>) ..... 0.002%

<b>1165AL (11723-010)</b>	500 g poly bottle	\$ 28.15
	6 x 500 g poly bottle	21.45
<b>1165NG (11723-200)</b>	2.5 kg poly bottle	97.05
	4 x 2.5 kg poly bottle	67.70
<b>1165PV (11723-250)</b>	12 kg carton	305.35
<b>1165UC (11723-700)</b>	50 kg (110 lb) drum	465.75

**CALCIUM NITRATE, PURIFIED, GRANULAR**

Ca(NO<sub>3</sub>)<sub>2</sub>·4H<sub>2</sub>O FW 236.16  
 DOT: Oxidizer UN 1454  
 CAS #13477-34-4 RTECS EW 3000000  
 Storage Code: Yellow

<b>1175NG (54012-200)</b>	2.5 kg poly bottle	\$ 35.35
<b>1175PV (54012-250)</b>	12 kg carton	144.05
<b>1175UA (54012-600)</b>	45.4 kg (100 lb) drum	253.75

**CALCIUM OXIDE, TECHNICAL, POWDER (QUICK LIME)**

CaO FW 56.08  
 DOT: Corrosive UN1910  
 CAS #1305-78-8 RTECS EW 3100000  
 Storage Code: Green

<b>1180AL (51382-010)</b>	500 g poly bottle	\$ 17.35
	6 x 500 g poly bottle	13.00
<b>1180NG (51382-200)</b>	2.5 kg poly bottle	28.10
	4 x 2.5 kg poly bottle	22.61
<b>1180PV (51382-250)</b>	12 kg carton	73.30
<b>1180TQ (51382-510)</b>	22.7 kg (50 lb) bag	79.00

**CALCIUM PHOSPHATE, DIBASIC, ANHYDROUS, FCC, POWDER**

CaHPO<sub>4</sub> FW 136.06  
 CAS #7757-93-9  
 Storage Code: Green

<b>1185AL (44791-010)</b>	500 g poly bottle	\$ 16.25
<b>1185NG (44791-200)</b>	2.5 kg poly bottle	36.65
<b>1185PV (44791-250)</b>	12 kg carton	99.20

**CALCIUM PHOSPHATE MONOBASIC, REAGENT**

Ca(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub> · H <sub>2</sub> O		FW 252.07
CAS #7758-23-8		
Storage Code: Green		
<b>1200AL (11743-010)</b>	500 g poly bottle	\$ 75.75
	6 x 500 g poly bottle	54.10
<b>1200NG (11743-200)</b>	2.5 kg poly bottle	259.60
	4 x 2.5 kg poly bottle	194.70

**CALCIUM SULFATE, ANHYDROUS, PURIFIED, POWDER**

CaSO <sub>4</sub>		FW 136.14
CAS #7778-18-9		
Storage Code: Green		
<b>1215AL (44801-010)</b>	500 g poly bottle	\$ 13.00
<b>1215NG (44801-200)</b>	2.5 kg poly bottle	33.80
	4 x 2.5 kg poly bottle	28.15
<b>1215PV (44801-250)</b>	12 kg carton	101.50
	4 x 12 kg carton	96.45

**CALCIUM SULFATE, HEMIHYDRATE, POWDER (Plaster of Paris)**

CaSO <sub>4</sub> · 1/2H <sub>2</sub> O		FW 145.15
CAS #7778-18-9		
Storage Code: Green		
<b>1225AL (51392-010)</b>	500 g poly bottle	\$ 13.00
<b>1225NG (51392-200)</b>	2.5 kg poly bottle	16.95
	4 x 2.5 kg poly bottle	14.10
<b>1225PV (51392-250)</b>	12 kg carton	56.45
<b>1225TQ (51392-510)</b>	22.7 kg (50 lb) bag	84.60

**CALMAGITE**

(1-(1-Hydroxy-4-Methyl-2-Phenylazo)-2-Naphthol-4-Sulfonic Acid)		
Indicator for EDTA titrations of Calcium and Magnesium		
C <sub>17</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub> S		FW 358.37
CAS #3147-14-6		
Storage Code: Green		
<b>1230AG (51505-007)</b>	10 g poly bottle	\$ 50.45
<b>1230AH (51505-008)</b>	25 g poly bottle	196.65

**CAPRIC ACID (DECANOIC ACID), FCC**

CH <sub>3</sub> (CH <sub>2</sub> ) <sub>8</sub> COOH	FW 172.27	(1 L = 0.893 kg)
CAS #334-48-5		RTECS HD9100000
Storage Code: Green		
<b>1235JD (44890-094)</b>	500 g glass bottle	\$ 60.40

**CAPROIC ACID (HEXANOIC ACID), FCC**

CH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> COOH	FW 116.16	(1 L = 0.93 kg)
DOT: Corrosive Material		UN 2829
CAS #142-62-1		RTECS MO5250000
Storage Code: White		
<b>1240MA (44900-126)</b>	1 kg glass bottle	\$ 85.50



**CAPRYLIC ACID (OCTANOIC ACID), FCC**

CH<sub>3</sub>(CH<sub>2</sub>)<sub>6</sub>COOH                      FW 144.22                      (1 L = 0.91 kg)  
 DOT: Corrosive Material                      UN 1760  
 CAS #124-07-2                      RTECS RH0175000  
 Storage Code: White

**1245JD (44920-094)**    500 g glass bottle                      \$ 67.10

**CARBON (See "CHARCOAL")****CARBON DISULFIDE, ACS**

CS<sub>2</sub>                      FW 76.14                      (1 L = 1.26 kg)  
 DOT: Flammable Liquid, Poison                      UN 1131  
 CAS #75-15-0                      RTECS FF6650000  
 Storage Code: Red

**Specifications**

Assay .....	Min. 99.9%
	Maximum Limits of Impurities
Color .....	APHA 10
Hydrogen Sulfide (H <sub>2</sub> S) .....	To Pass Test
	(approx. 1.5 ppm)
Residue After Evaporation .....	0.002%
Sulfur Dioxide (SO <sub>2</sub> ) .....	To Pass Test
	(approx. 2.5 ppm)
Water .....	0.05%

<b>1260CH (11770-030)</b>	500 ml glass bottle	\$ 37.90
	6 x 500 ml PVC glass bottle	28.85
<b>1260FA (11770-055)</b>	2.5 L glass bottle	162.25
	6 x 2.5 L glass bottle	113.60

**CARNOY'S SOLUTION, Fixative for Nematodes**

**8443CM (62725-033)**    500 ml poly bottle                      \$ 14.10

**CARNOY'S SOLUTION, Fixative for Anthropods**

**8440CM (62726-033)**    500 ml poly bottle                      \$ 26.20

**CELITE® 503 (DIATOMACEOUS EARTH)**

CAS #68855-54-9  
 Storage Code: Green

<b>1290AL (52011-010)</b>	500 g poly bottle	\$ 30.55
	4 x 500 g poly bottle	22.80
<b>1290PB (52011-210)</b>	2.5 kg carton	77.65

**CELITE® 545 (DIATOMACEOUS EARTH)**

(Analytical Filter Aid)  
 CAS #68855-54-9  
 Storage Code: Green

<b>1295AL (50901-010)</b>	500 g poly bottle	\$ 46.60
	4 x 500 g poly bottle	37.30
<b>1295PB (50901-210)</b>	2.5 kg carton	81.80

NOTE: Celite® is a registered trademark of Johns-Manville Corp.

**CERIC AMMONIUM NITRATE, ACS, CRYSTAL**

(NH <sub>4</sub> ) <sub>2</sub> Ce(NO <sub>3</sub> ) <sub>6</sub>	FW 548.23
DOT: Oxidizer	NA 1477
CAS #16774-21-3	
Storage Code: Yellow	

**Specifications**

Assay ((NH <sub>4</sub> ) <sub>2</sub> Ce(NO <sub>3</sub> ) <sub>6</sub> ) .....	Min. 98.5%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.01%
Insoluble in Dilute Sulfuric Acid .....	0.05%
Iron (Fe) .....	0.005%
Phosphate (PO <sub>4</sub> ) .....	0.02%

<b>1300LB (11793-115)</b>	125 g poly bottle	\$ 42.45
<b>1300AL (11793-010)</b>	500 g poly bottle	156.20
	6 x 500 g poly bottle	127.80

**CERIC AMMONIUM NITRATE 0.05 NORMAL (N/20) Volumetric Solution**

<b>8446GA (62735-067)</b>	1 L poly bottle	\$ 12.95
<b>8446GD (62735-070)</b>	3.8 L poly bottle	29.00

**CERIC AMMONIUM SULFATE, REAGENT, GRANULAR**

Ce(NH <sub>4</sub> ) <sub>4</sub> (SO <sub>4</sub> ) <sub>4</sub> ·2H <sub>2</sub> O	FW 632.56
CAS #10378-47-9	
Storage Code: Green	

**Specifications**

Assay (Ce(NH <sub>4</sub> ) <sub>4</sub> (SO <sub>4</sub> ) <sub>4</sub> ·2H <sub>2</sub> O) .....	Min. 94.0%
	Maximum Limits of Impurities
Insoluble in Dilute Sulfuric Acid .....	0.05%
Iron (Fe) .....	0.01%
Phosphate (PO <sub>4</sub> ) .....	0.03%

<b>1310LB (11813-115)</b>	125 g poly bottle	\$ 29.65
<b>1310AL (11813-010)</b>	500 g poly bottle	114.90
	6 x 500 g poly bottle	94.00
<b>1310NG (11813-200)</b>	2.5 kg poly bottle	571.10

**CERIC SULFATE, REAGENT, CRYSTAL**

H <sub>4</sub> Ce(SO <sub>4</sub> ) <sub>4</sub>	FW 528.43
DOT: Oxidizer	UN 1479
CAS #13590-82-4	RTECS WS6960000
Storage Code: Yellow	

**Specifications**

Assay .....	Min. 85%
	Maximum Limits of Impurities
Insoluble Matter .....	0.1%
Iron (Fe) .....	0.1%
Phosphate (PO <sub>4</sub> ) .....	0.1%

<b>1315LB (11823-115)</b>	125 g poly bottle	\$ 31.00
<b>1315AL (11823-010)</b>	500 g poly bottle	140.60

**CERIC SULFATE 0.100 NORMAL (N/10) SOLUTION**

<b>8449CM (62740-033)</b>	500 ml poly bottle	\$ 18.30
<b>8449GA (62740-067)</b>	1 L poly bottle	38.35
<b>8449GD (62740-070)</b>	3.8 L poly bottle	133.45

**CETYLTRIMETHYLAMMONIUM BROMIDE, 98+%**CH<sub>3</sub>(CH<sub>2</sub>)<sub>15</sub>N(CH<sub>3</sub>)<sub>3</sub>Br

FW 364.46

CAS #57-09-0

RTECS BQ7875000

Storage Code: Green

<b>1320LB (11803-115)</b>	125 g poly bottle	\$ 20.70
	6 x 125 g poly bottle	15.55
<b>1320AL (11803-010)</b>	500 g poly bottle	51.95
	6 x 500 g poly bottle	43.30
<b>1320PB (11803-200)</b>	2.5 kg carton	178.95

**CHARCOAL, ACTIVATED, GRANULAR, (4-12 MESH)**

C AW 12.01

DOT: Spontaneously Combustible

UN 1362

CAS #7440-44-0

RTECS FF5250100

Storage Code: Red

<b>1345AL (52751-010)</b>	500 g poly bottle	\$ 19.45
<b>1345PB (52751-210)</b>	2.5 kg carton	50.75
	4 x 2.5 kg carton	44.35
<b>1345PV (52751-250)</b>	12 kg carton	214.25

**CHARCOAL, ACTIVATED, POWDER, (DARCO® G-60)**

C AW 12.01

DOT: Spontaneously Combustible

UN 1362

CAS #7440-44-0

RTECS FF5250100

Storage Code: Red

<b>1340AL (05271-010)</b>	500 g poly bottle	\$ 24.95
	4 x 500 g poly bottle	20.40
<b>1340PB (05271-210)</b>	2.5 kg carton	111.70
<b>1340PV (05271-250)</b>	12 kg carton	501.40

**CHARCOAL, ANIMAL POWDER, (BONE BLACK)**

C AW 12.01

DOT: Spontaneously Combustible

NA 1361

CAS #8021-99-6

RTECS FF5250100

Storage Code: Red

<b>1350AL (52761-010)</b>	500 g poly bottle	\$ 23.85
	6 x 500 g poly bottle	17.35
<b>1350PB (52761-210)</b>	2.5 kg carton	53.00
	4 x 2.5 kg carton	47.35

**CHARCOAL, LAMPBLACK**

C AW 12.01

DOT: Spontaneously Combustible

UN 1362

CAS #1333-86-4

RTECS FF5250100

Storage Code: Red

<b>1355AL (52821-010)</b>	500 g poly bottle	\$ 20.00
<b>1355PB (52821-210)</b>	2.5 kg carton	38.15

**CHARCOAL, WOOD, DUST (AIR-FLOAT)**

C AW 12.01  
 DOT: Spontaneously Combustible NA 1361  
 CAS #7440-44-0 RTECS FF5250100  
 Storage Code: Red

<b>1365AL (52841-010)</b>	500 g poly bottle	\$ 23.85
	6 x 500 g poly bottle	19.70
<b>1365PB (52841-210)</b>	2.5 kg carton	38.30
<b>1365PV (52841-250)</b>	12 kg carton	49.20
<b>1365TQ (52841-510)</b>	22.7 (50 lb) bag	85.40

**CHARCOAL, WOOD, POWDER, (100 MESH)**

C AW 12.01  
 DOT: Spontaneously Combustible NA 1361  
 CAS #7440-44-0 RTECS FF5250100  
 Storage Code: Red

<b>1375AL (52831-010)</b>	500 g poly bottle	\$ 18.65
	6 x 500 g poly bottle	17.35
<b>1375PB (52831-210)</b>	2.5 kg carton	33.80
<b>1375TQ (52831-510)</b>	22.7 kg (50 lb) bag	66.50

**CHLORIDE STANDARD, 1 ml = 0.5 mg Cl, A.P.H.A.**

for Chloride (0.0141 Normal)

<b>8461CM (62755-033)</b>	500 ml poly bottle	\$ 12.85
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**CHLORINE WATER, SATURATED**

<b>8464CH (62765-030)</b>	500 ml glass bottle	\$ 14.35
<b>8464FC (62765-057)</b>	1 L glass bottle	17.45

**CHLOROFORM, HPLC/SPECTRO**

(Stabilized with 100-150 ppm Amylene)

Packaged under Nitrogen. Submicron filtered.

Also meets ACS specifications

CHCl<sub>3</sub> FW 119.38 (1 L = 1.475 kg)  
 DOT: Poison UN 1888  
 CAS #67-66-3 RTECS FS9100000  
 Storage Code: Blue

**Specifications**

Assay (CHCl <sub>3</sub> ) .....	Min. 99.9%
	Maximum Limits of Impurities
Acetone and Aldehyde (as (CH <sub>3</sub> ) <sub>2</sub> CO) .....	0.005%
Acid and Chloride .....	To Pass Test
Color .....	APHA 10
Free Chlorine (Cl) .....	To Pass Test
Lead (Pb) .....	0.05 ppm
Residue After Evaporation .....	3 ppm
Suitability for use in Dithizone Tests .....	To Pass Test
Water .....	0.02%

<b>1402FC</b>	1 L glass bottle	\$ 39.50
	6 x 1 L glass bottle	35.00
<b>1402ML</b>	4 L glass bottle	82.00
	4 x 4 L glass bottle	76.00

**CHLOROFORM, ACS**

(Contains about 1% Ethanol as a Preservative)

CHCl<sub>3</sub> FW 119.38 (1 L = 1.475 kg)  
 DOT: Poison UN 1888  
 CAS #67-66-3 RTECS FS9100000  
 Storage Code: Blue

**Specifications**

Assay (CHCl<sub>3</sub>) ..... Min. 99.8%  
 Maximum Limits of Impurities  
 Acetone and Aldehyde (as (CH<sub>3</sub>)<sub>2</sub>CO) ..... To Pass Test  
 (approx. 0.005%)  
 Acid and Chloride ..... To Pass Test  
 Color ..... APHA 10  
 Free Chlorine (Cl) ..... To Pass Test  
 Lead (Pb) ..... 0.05 ppm  
 Residue After Evaporation ..... 0.001%  
 Substances Darkened by Sulfuric Acid ..... To Pass Test  
 Suitability for use in Dithizone Tests ..... To Pass Test

<b>1395CH (11840-030)</b>	500 ml glass bottle	\$ 20.70
	6 x 500 ml glass bottle	18.65
<b>1395ML (11840-150)</b>	4 L glass bottle	58.45
	4 x 4 L glass bottle	51.95
<b>1395QC (11840-280)</b>	20 L steel drum	174.00

**CHLOROFORM, NF, XXII**

(Contains about 0.75% Ethanol as a Preservative)

CHCl<sub>3</sub> FW 119.38 (1 L = 1.475 kg)  
 DOT: Poison UN 1888  
 CAS #67-66-3 RTECS FS9100000  
 Storage Code: Blue

<b>1400CH (47890-030)</b>	500 ml glass bottle	\$ 19.15
	6 x 500 ml glass bottle	15.55
<b>1400ML (47890-150)</b>	4 L glass bottle	60.05
	4 x 4 L glass bottle	53.85
<b>1400QC (47890-280)</b>	20 L steel drum	171.00

**CHLOROFORM, TECHNICAL GRADE (Suitable for Histological use)**

(Contains about 0.75% Ethanol as a Preservative)

CHCl<sub>3</sub> FW 119.38 (1 L = 1.475 kg)  
 DOT: Poison UN1888  
 CAS #67-66-3 RTECS FS9100000  
 Storage Code: Blue

<b>1405ML (57890-150)</b>	4 L glass bottle	\$ 53.85
	4 x 4 L glass bottle	45.55
<b>1405QC (57890-280)</b>	20 L steel drum	165.00

**CHROMIUM CHLORIDE, REAGENT, CRYSTAL**

CrCl<sub>3</sub>·6H<sub>2</sub>O FW 266.45  
 CAS #10060-12-5 RTECS GB5450000  
 Storage Code: Green

**Specifications**

Maximum Limits of Impurities  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.01%  
 Sulfate (SO<sub>4</sub>) ..... 0.01%

<b>1440AL (11863-010)</b>	500 g poly bottle	\$ 82.80
	6 x 500 g poly bottle	49.80
<b>1440NG (11863-200)</b>	2.5 kg poly bottle	302.85

**CHROMIUM NITRATE, REAGENT, CRYSTAL**

Cr(NO<sub>3</sub>)<sub>3</sub>·9H<sub>2</sub>O FW 400.15  
 DOT: Oxidizer UN 2720  
 CAS #7789-02-8 RTECS GB6300000  
 Storage Code: Yellow

**Specifications**

Assay (Cr(NO<sub>3</sub>)<sub>3</sub>·9H<sub>2</sub>O) ..... Min. 98.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.002%  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... 0.01%

**1450AL (11873-010)** 500 g poly bottle \$ 114.15  
 6 x 500 g poly bottle 93.40  
**1450NG (11873-200)** 2.5 kg poly bottle 205.50

**CHROMIUM POTASSIUM SULFATE, ACS, CRYSTAL (Chrome Alum)**

CrK(SO<sub>4</sub>)<sub>2</sub>·12H<sub>2</sub>O FW 499.39  
 CAS #7788-99-0 RTECS GB6850000  
 Storage Code: Green

**Specifications**

Assay ..... 98.0 - 102.0%  
 Maximum Limits of Impurities  
 Aluminum (Al) ..... 0.02%  
 Ammonium (NH<sub>4</sub>) ..... 0.01%  
 Chloride (Cl) ..... 0.002%  
 Heavy Metals (as Pb) ..... 0.01%  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.01%

**1455AL (11883-010)** 500 g poly bottle \$ 82.80  
 6 x 500 g poly bottle 66.25  
**1455NG (11883-200)** 2.5 kg poly bottle 248.40  
**1455PV (11883-250)** 12 kg carton 930.15

**CHROMIUM POTASSIUM SULFATE, PURIFIED**

CrK(SO<sub>4</sub>)<sub>2</sub>·12H<sub>2</sub>O FW 499.39  
 CAS #7788-99-0 RTECS GB6850000  
 Storage Code: Green

**1460AL (52422-010)** 500 g poly bottle \$ 37.30  
 6 x 500 g poly bottle 29.00  
**1460NG (52422-200)** 2.5 kg poly bottle 93.15

**CHROMIUM SULFATE, REAGENT**

Cr<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>·xH<sub>2</sub>O  
 DOT: Not Regulated (RQ 1000 lb.)  
 CAS #10101-53-8 RTECS GB7200000  
 Storage Code: Green

**Specifications**

Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.002%  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.005%

**1470LB (11903-115)** 125 g poly bottle \$ 79.40  
 6 x 125 g poly bottle 65.00  
**1470AL (11903-010)** 500 g poly bottle 296.00  
 6 x 500 g poly bottle 242.15  
**1470NG (11903-200)** 2.5 kg poly bottle 1260.70

**CHROMIUM TRIOXIDE ACS FLAKE (Chromic Acid)**

CrO<sub>3</sub> FW 99.99  
 DOT: Oxidizer UN 1463  
 CAS #1333-82-0 RTECS GB6650000  
 Storage Code: Yellow

**Specifications**

Assay (CrO<sub>3</sub>) ..... Min. 98.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.005%  
 Insoluble Matter ..... 0.01%  
 Iron, Aluminum, Barium ..... 0.03%  
 Nitrate (NO<sub>3</sub>) ..... 0.05%  
 Sodium (Na) ..... 0.2%  
 Sulfate (SO<sub>4</sub>) ..... 0.005%

<b>1475JB (11913-092)</b>	125 g glass bottle	\$ 32.20
	6 x 125 g glass bottle	26.60
<b>1475JD (11913-094)</b>	500 g glass bottle	89.45
	6 x 500 g glass bottle	55.90
<b>1475JF (11913-096)</b>	2.5 kg glass bottle	223.55
	4 x 2.5 kg glass bottle	210.20
<b>1475PY (11913-255)</b>	14 kg (26.4 lb) drum	565.00
<b>1475UA (11913-600)</b>	45.4 kg (100 lb) drum	1765.00

**CHROMIUM TRIOXIDE, TECHNICAL, FLAKE**

CrO<sub>3</sub> FW 99.99  
 DOT: Oxidizer UN 1463  
 CAS #1333-82-0 RTECS GB6650000  
 Storage Code: Yellow

<b>1485JD (54203-094)</b>	500 g glass bottle	\$ 46.60
<b>1485JF (54203-096)</b>	2.5 kg glass bottle	113.85
<b>1485PY (54203-255)</b>	14 kg carton	332.70

**CITRIC ACID, ANHYDROUS, ACS, POWDER**

HOC(COOH)(CH<sub>2</sub>COOH)<sub>2</sub> FW 192.13  
 CAS #77-92-9 RTECS GE7350000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99.5%  
 Maximum Limits of Impurities  
 Chloride ..... 0.001%  
 Insoluble Matter ..... 0.005%  
 Iron ..... 3 ppm  
 Lead ..... 2 ppm  
 Oxalate ..... To Pass Test  
 (approx. 0.05%)  
 Phosphate ..... 0.001%  
 Residue After Ignition ..... 0.02%  
 Substances Carbonizable by Hot Sulfuric Acid (tartrates, etc.) ..... To Pass Test  
 Sulfate ..... 0.002%

<b>1490AL (11961-010)</b>	500 g poly bottle	\$ 23.85
	6 x 500 g poly bottle	18.40
<b>1490NG (11961-200)</b>	2.5 kg poly bottle	57.30
	4 x 2.5 kg poly bottle	48.40
<b>1490PV (11961-250)</b>	12 kg carton	268.00
<b>1490UK (11961-740)</b>	90.7 kg (200 lb) drum	917.60

**CITRIC ACID, ANHYDROUS, FCC, POWDER**

HOC(COOH)(CH<sub>2</sub>COOH)<sub>2</sub> FW 192.13  
 CAS #77-92-9 RTECS GE7350000  
 Storage Code: Green

<b>1495NG (45001-200)</b>	2.5 kg poly bottle	\$ 59.00
<b>1495TR (45001-512)</b>	25 kg (55 lb) bag	119.20

**CITRIC ACID, ANHYDROUS, USP, POWDER**

HOC(COOH)(CH<sub>2</sub>COOH)<sub>2</sub> FW 192.13  
 CAS #77-92-9 RTECS GE7350000  
 Storage Code: Green

**1500LA (02942-114)** 100 gm poly bottle \$ 12.50  
**1500AL (02942-010)** 500 gm poly bottle 59.00

**CITRIC ACID, MONOHYDRATE, ACS, CRYSTAL**

HOC(COOH)(CH<sub>2</sub>COOH)<sub>2</sub> H<sub>2</sub>O FW 210.14  
 CAS #5949-29-1 RTECS GE7810000  
 Storage Code: Green

**Specifications**

Assay (C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>! H<sub>2</sub>O) ..... 99.0 - 102.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.001%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 3 ppm  
 Lead (Pb) ..... 2 ppm  
 Oxalate (C<sub>2</sub>O<sub>4</sub>) ..... To Pass Test  
 (approx. 0.05%)  
 Phosphate (PO<sub>4</sub>) ..... 0.001%  
 Residue After Ignition ..... 0.02%  
 Substances Carbonizable by Hot Sulfuric Acid (tartrates, etc.) ..... To Pass Test  
 Sulfate (SO<sub>4</sub>) ..... 0.002%

**1505AL (11993-010)** 500 g poly bottle \$ 24.00  
 6 x 500 g poly bottle 20.70  
**1505NG (11993-200)** 2.5 kg poly bottle 69.15  
 4 x 2.5 kg poly bottle 54.45  
**1505PV (11993-250)** 12 kg carton 280.00

**CITRIC ACID, MONOHYDRATE, USP, GRANULAR**

H<sub>3</sub>C<sub>6</sub>H<sub>5</sub>O<sub>7</sub>! H<sub>2</sub>O FW 210.14  
 CAS #5949-29-1 RTECS GE7810000  
 Storage Code: Green

**1510AL (02952-010)** 500 g poly bottle \$ 17.35  
**1510NG (02952-200)** 2.5 kg poly bottle 59.00  
**1510PV (02952-250)** 12 kg carton 189.00  
**1510UC (02952-700)** 50 kg (110 lb) drum 450.00

**COBALT ACETATE, REAGENT, CRYSTAL**

Co(C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>)<sub>2</sub>! 4H<sub>2</sub>O FW 249.10  
 CAS #6147-53-1 RTECS AG3325000  
 Storage Code: Green

**Specifications**

Cobalt ..... Min. 23.5%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.001%  
 Copper (Cu) ..... 0.0005%  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.005%  
 Lead (Pb) ..... 0.001%  
 Manganese ..... 0.001%  
 Nickel (Ni) ..... 0.1%  
 Sulfate (SO<sub>4</sub>) ..... 0.01%  
 Zinc (Zn) ..... 0.001%

**1520LB (12013-115)** 125 g poly bottle \$ 35.20  
 6 x 125 g poly bottle 24.85  
**1520AL (12013-010)** 500 g poly bottle 101.45  
 6 x 500 g poly bottle 70.40



**COBALT CHLORIDE, REAGENT, CRYSTAL**

CoCl<sub>2</sub>·6H<sub>2</sub>O FW 237.93  
 CAS #7791-13-1 RTECS GG0200000  
 Storage Code: Blue

**Specifications**

Cobalt ..... Min. 24.0%  
 Maximum Limits of Impurities

Copper (Cu) ..... 0.02%  
 Insoluble matter ..... 0.05%  
 Iron (Fe) ..... 0.02%  
 Nickel (Ni) ..... 0.1%  
 Sulfate (SO<sub>4</sub>) ..... 0.1%

<b>1530LB (12023-115)</b>	125 g poly bottle	\$ 46.60
	6 x 125 g poly bottle	31.05
<b>1530AL (12023-010)</b>	500 g poly bottle	86.00
	6 x 500 g poly bottle	70.40
<b>1530NG (12023-200)</b>	2.5 kg poly bottle	364.80
	4 x 2.5 kg poly bottle	298.45
<b>1530PV (12023-250)</b>	12 kg carton	1014.85
<b>1530UA (12023-600)</b>	45.4 kg (100 lb) drum	1432.25

**COBALT NITRATE, REAGENT, CRYSTAL**

Co(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O FW 291.05  
 DOT: Oxidizer UN 1477  
 CAS #10026-22-9 RTECS QU7355500  
 Storage Code: Yellow

**Specifications**

Assay (Co(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O) ..... 98.0 - 102.0%  
 Maximum Limits of Impurities

Ammonium (NH<sub>4</sub>) ..... 0.2%  
 Calcium (Ca) ..... 0.005%  
 Chloride (Cl) ..... 0.002%  
 Copper (Cu) ..... 0.002%  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.001%  
 Lead (Pb) ..... 0.002%  
 Magnesium (Mg) ..... 0.005%  
 Nickel (Ni) ..... 0.15%  
 Potassium (K) ..... 0.01%  
 Sodium (Na) ..... 0.05%  
 Sulfate (SO<sub>4</sub>) ..... 0.005%  
 Zinc (Zn) ..... 0.01%

<b>1550LB (12033-115)</b>	125 g poly bottle	\$ 29.00
	6 x 125 g poly bottle	20.70
<b>1550AL (12033-010)</b>	500 g poly bottle	65.75
	6 x 500 g poly bottle	51.95
<b>1550NG (12033-200)</b>	2.5 kg poly bottle	265.00
	4 x 2.5 kg poly bottle	236.90
<b>1550PV (12033-250)</b>	12 kg carton	1027.95
<b>1550UA (12033-600)</b>	45.4 kg (100 lb) drum	1555.60

**COBALT NITRATE, PURIFIED, FLAKE**

Co(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O FW 291.05  
 DOT: Oxidizer UN 1477  
 CAS #10026-22-9 RTECS QU7355500  
 Storage Code: Yellow

<b>1545AL (53343-010)</b>	500 g poly bottle	\$ 51.25
	6 x 500 g poly bottle	41.40
<b>1545NG (53343-200)</b>	2.5 kg poly bottle	160.45
	4 x 2.5 kg poly bottle	113.85
<b>1545PV (53343-250)</b>	12 kg carton	391.50

**COBALT SULFATE, REAGENT, CRYSTAL**

CoSO<sub>4</sub>·7H<sub>2</sub>O  
 CAS #10026-24-1  
 Storage Code: Green

FW 281.10  
 RTECS GG3200000

**Specifications**

Cobalt .....	Min. 21.0%
	Maximum Limits of Impurities
Chromium .....	0.001%
Copper (Cu) .....	0.002%
Iron (Fe) .....	0.01%
Lead (Pb) .....	0.002%
Nickel (Ni) .....	0.10%
Zinc (Zn) .....	0.005%

<b>1565LB (12062-115)</b>	125 g poly bottle	\$ 41.40
	6 x 125 g poly bottle	33.15
<b>1565AL (12062-010)</b>	500 g poly bottle	124.20
	6 x 500 g poly bottle	101.45
<b>1565NG (12062-200)</b>	2.5 kg poly bottle	408.85
	4 x 2.5 kg poly bottle	393.30
<b>1565PV (12062-250)</b>	12 kg carton	1552.50
<b>1565UC (12062-600)</b>	45.4 kg (100 lb) drum	3105.00

**COBALT SULFATE, PURIFIED, CRYSTAL**

CoSO<sub>4</sub>·7H<sub>2</sub>O  
 CAS #10026-24-1  
 Storage Code: Green

FW 281.10  
 RTECS GG3200000

<b>1560AL (52062-010)</b>	500 g poly bottle	\$ 71.45
	6 x 500 g poly bottle	60.05
<b>1560PV (52062-250)</b>	12 kg carton	926.35

**COLLODION, USP**

(1 L = 0.77 kg)  
 DOT: Flammable Liquid  
 CAS #9004-70-0  
 Storage Code: Red

UN 2059  
 RTECS QW 0970000

<b>1570CC (21040-025)</b>	150 ml glass bottle	\$ 19.50
	6 x 150 ml glass bottle	15.25
<b>1570CH (21040-030)</b>	500 ml glass bottle	42.50
	6 x 500 ml glass bottle	39.95
<b>1570ML (21040-150)</b>	4 L glass bottle	265.00
	4 x 4 L glass bottle	250.00

**CONGO RED, INDICATOR GRADE (C.I. 22120)**

C<sub>32</sub>H<sub>22</sub>N<sub>6</sub>Na<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
 CAS #573-58-0  
 Storage Code: Blue

FW 696.67  
 RTECS QK1400000

<b>8500AG (71400-007)</b>	10 g poly bottle	\$ 19.70
<b>8500AH (71400-008)</b>	25 g poly bottle	36.25

**CONGO RED, INDICATOR SOLUTION, pH 3.0 - 5.0**

<b>8506CM (62775-033)</b>	500 ml poly bottle	\$ 15.00
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**COPPER METAL, REAGENT, FINE GRANULAR**

Cu AW 63.55  
CAS #7440-50-8 RTECS GL5325000  
Storage Code: Red

**Specifications**  
Assay (Cu) Min. 99.5%

<b>1590AL (12092-010)</b>	500 g poly bottle	\$ 46.60
	6 x 500 g poly bottle	40.40
<b>1590NG (12092-200)</b>	2.5 kg poly bottle	175.95
	4 x 2.5 kg poly bottle	150.10

**COPPER METAL, PURIFIED, FINE POWDER**

Cu AW 63.55  
CAS #7440-50-8 RTECS GL5325000  
Storage Code: Green

<b>1585AL (52081-010)</b>	500 g poly bottle	\$ 36.25
	6 x 500 g poly bottle	29.00
<b>1585NG (52081-200)</b>	2.5 kg poly bottle	97.30
	4 x 2.5 kg poly bottle	80.10

**COPPER SULFATE - SULFAMIC ACID INHIBITOR SOLUTION, A.P.H.A.**

for Dissolved Oxygen

<b>8515CM (62785-033)</b>	500 ml poly bottle	\$ 34.50
<b>8515GD (62785-070)</b>	3.8 L poly bottle	213.72

**CRYSTAL VIOLET, 1% (w/v) Alcoholic Solution**

<b>8542KK (62790-111)</b>	100 ml poly bottle	\$ 4.55
<b>8542CM (62790-033)</b>	500 ml poly bottle	12.00

**CUPFERRON, ACS**

C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub> FW 155.16  
CAS #135-20-6 RTECS NC4725000  
Storage Code: Blue

**Specifications**  
Appearance ..... To Pass Test  
Suitability for Precipitation of Iron, etc. .... To Pass Test  
Maximum Limits of Impurities  
Residue After Ignition ..... 0.05%  
Solubility in Water ..... To Pass Test

<b>1635AH (12103-008)</b>	25 g poly bottle	\$ 21.65
<b>1635LB (12103-115)</b>	125 g poly bottle	59.00
<b>1635AL (12103-010)</b>	500 g poly bottle	187.15

**CUPRIC ACETATE, ACS, CRYSTAL**

Cu(C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>)<sub>2</sub> · H<sub>2</sub>O FW 199.65  
DOT: Not Regulated (RQ 100 lb.)  
CAS #6046-93-1 RTECS AG3500000  
Storage Code: Green

**Specifications**  
Assay ..... 98.0 - 102.0%  
Maximum Limits of Impurities  
Ammonium Sulfide Metals other than Iron ..... 0.01%  
Chloride (Cl) ..... 0.003%  
Insoluble Matter ..... 0.01%  
Iron (Fe) ..... 0.002%  
Substances not Precipitated by Hydrogen Sulfide (as Sulfates) ..... 0.2%  
Sulfate (SO<sub>4</sub>) ..... 0.01%

<b>1640AL (12113-010)</b>	500 g poly bottle	\$ 113.60
	6 x 500 g poly bottle	92.95
<b>1640NG (12113-200)</b>	2.5 kg poly bottle	418.20
	4 x 2.5 kg poly bottle	342.15

**CUPRIC CARBONATE, BASIC, REAGENT, POWDER**

CuCO<sub>3</sub>·Cu(OH)<sub>2</sub> FW 221.11  
 CAS #12069-69-1 RTECS GL6910000  
 Storage Code: Green

<b>1655LB (12118-115)</b>	125 g poly bottle	\$ 22.60
	6 x 125 g poly bottle	16.35
<b>1655AL (12118-010)</b>	500 g poly bottle	77.65
	6 x 500 g poly bottle	61.10
<b>1655NE (12118-195)</b>	2 kg poly bottle	227.15
	4 x 2 kg poly bottle	162.25

**CUPRIC CARBONATE, BASIC, TECHNICAL, POWDER**

CuCO<sub>3</sub>·Cu(OH)<sub>2</sub> FW 221.11  
 CAS #12069-69-1 RTECS GL6910000  
 Storage Code: Green

<b>1660AL (52101-010)</b>	500 g poly bottle	\$ 23.80
<b>1660PB (52101-210)</b>	2.5 kg carton	51.55
<b>1660PV (52101-250)</b>	12 kg carton	218.95

**CUPRIC CHLORIDE, REAGENT, CRYSTAL**

CuCl<sub>2</sub>·2H<sub>2</sub>O FW 170.48  
 DOT: Corrosive UN 2802  
 CAS #10125-13-0 RTECS GL7000000  
 Storage Code: Green

		<b>Specifications</b>
Assay .....	Min. 99.0%	
	Maximum Limits of Impurities	
Ammonium Sulfide Metals other than Iron (as Ni) .....	0.01%	
Insoluble Matter .....	0.01%	
Iron (Fe) .....	0.005%	
Nitrate (NO <sub>3</sub> ) .....	0.015%	
Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) .....	0.10%	
Sulfate (SO <sub>4</sub> ) .....	0.005%	

<b>1675LB (12120-115)</b>	125 g poly bottle	\$ 26.00
	6 x 125 g poly bottle	21.65
<b>1675AL (12120-010)</b>	500 g poly bottle	75.75
	6 x 500 g poly bottle	54.10
<b>1675NG (12120-200)</b>	2.5 kg poly bottle	282.95
	4 x 2.5 kg poly bottle	231.50
<b>1675PV (12120-250)</b>	12 kg carton	871.00

**CUPRIC CHLORIDE, PURIFIED, DIHYDRATE, CRYSTAL**

CuCl<sub>2</sub>·2H<sub>2</sub>O FW 170.47  
 DOT: Corrosive UN 2802  
 CAS #10125-13-0 RTECS GL7000000  
 Storage Code: Green

<b>1670AL (52153-010)</b>	500 g poly bottle	\$ 22.80
	6 x 500 g poly bottle	18.65
<b>1670NG (52153-200)</b>	2.5 kg poly bottle	55.10
<b>1670PW (52153-251)</b>	12 kg pail	236.90
<b>1670UA (52153-600)</b>	45.4 kg (100 lb) drum	371.80

**CUPRIC NITRATE, ACS, CRYSTAL**

Cu(NO<sub>3</sub>)<sub>2</sub>·2-1/2H<sub>2</sub>O FW 232.59  
 DOT: Oxidizer UN 1477  
 CAS #3251-23-8 RTECS GL7875000  
 Storage Code: Yellow

**Specifications**

Assay .....	98.0 - 102.0%
	Maximum Limits of Impurities
Ammonium Sulfide Metals other than Iron (as Ni) .....	To Pass Test (approx. 0.01%)
Chloride (Cl) .....	0.002%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.005%
Lead (Pb) .....	0.001%
Substances not Precipitated by Hydrogen Sulfide (as Sulfates) .....	0.05%
Sulfate (SO4) .....	0.01%

<b>1680LB (12123-115)</b>	125 g poly bottle	\$ 21.65
	6 x 125 g poly bottle	17.35
<b>1680AL (12123-010)</b>	500 g poly bottle	64.90
	6 x 500 g poly bottle	43.30
<b>1680NG (12123-200)</b>	2.5 kg poly bottle	205.50
	4 x 2.5 kg poly bottle	173.05
<b>1680PV (12123-250)</b>	12 kg carton	802.15

**CUPRIC NITRATE, TECHNICAL, FLAKE**

Cu(NO <sub>3</sub> ) <sub>2</sub> 2-1/2 H <sub>2</sub> O	FW 232.59
DOT: Oxidizer	UN 1477
CAS #3251-23-8	RTECS GL7875000
Storage Code: Yellow	

<b>1690AL (51443-010)</b>	500 g poly bottle	\$ 39.50
	6 x 500 g poly bottle	30.30
<b>1690NG (51443-200)</b>	2.5 kg poly bottle	146.60
	4 x 2.5 kg poly bottle	101.45
<b>1690PV (51443-250)</b>	12 kg carton	332.70

**CUPRIC OXIDE, ACS, BLACK, POWDER**

CuO	FW 79.54
CAS #1317-38-0	
Storage Code: Green	

**Specifications**

Assay (CuO) .....	Min. 99.0%
	Maximum Limits of Impurities
Ammonium Hydroxide Precipitate .....	0.1%
Carbon Compounds (as C) .....	0.01%
Chloride (Cl) .....	0.005%
Free Alkali .....	To Pass Test
Insoluble in Dilute Hydrochloric Acid .....	0.02%
Nitrogen Compounds (as N) .....	0.002%
Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) .....	0.2%
Sulfur Compounds (as SO <sub>4</sub> ) .....	0.02%

<b>1695LB (12171-115)</b>	125 g poly bottle	\$ 30.30
<b>1695AL (12171-010)</b>	500 g poly bottle	129.80
	6 x 500 g poly bottle	106.00
<b>1695NG (12171-200)</b>	2.5 kg poly bottle	594.90
	4 x 2.5 kg poly bottle	432.65
<b>1695UA (12171-600)</b>	45.4 kg (100 lb) drum	3557.01

**CUPRIC OXIDE, PURIFIED, BLACK, POWDER**

CuO	FW 79.54
CAS #1317-38-0	
Storage Code: Green	

<b>1700AL (52191-010)</b>	500 g poly bottle	\$ 26.00
<b>1700NG (52191-200)</b>	2.5 kg poly bottle	90.10
<b>1700UA (52191-600)</b>	45.4 kg (100 lb) drum	507.50

**CUPRIC SULFATE, ACS, FINE CRYSTAL**

CuSO4! 5H2O FW 249.68  
 DOT: Not Regulated (RQ 10 lb.)  
 CAS #7758-99-8 RTECS GL8900000  
 Storage Code: Green

**Specifications**

Assay (CuSO4! 5H2O) ..... 98.0 - 102.0%  
 Maximum Limits of Impurities  
 Ammonium Sulfide Metals other than Iron ..... 0.005%  
 Chloride (Cl) ..... 0.001%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 0.003%  
 Nitrogen Compounds (as N) ..... 0.001%  
 Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) ..... 0.1%

<b>1705LB (12223-115)</b>	125 g poly bottle	\$ 11.25
<b>1705AL (12223-010)</b>	500 g poly bottle	29.85
	6 x 500 g poly bottle	25.15
<b>1705NG (12223-200)</b>	2.5 kg poly bottle	95.20
	4 x 2.5 kg poly bottle	89.55
<b>1705PV (12223-250)</b>	12 kg carton	279.00
<b>1705UA (12223-600)</b>	45.4 kg (100 lb) drum	395.00

**CUPRIC SULFATE, ANHYDROUS, REAGENT, POWDER**

CuSO4 FW 159.60  
 DOT: Not Regulated (RQ 10 lb.)  
 CAS #7758-98-7 RTECS GL8800000  
 Storage Code: Green

<b>1710LB (12181-115)</b>	125 g poly bottle	\$ 21.65
<b>1710AL (12181-010)</b>	500 g poly bottle	69.25
	6 x 500 g poly bottle	51.95
<b>1710NG (12181-200)</b>	2.5 kg poly bottle	248.40
	4 x 2.5 kg poly bottle	238.05
<b>1710PV (12181-250)</b>	12 kg carton	890.95
<b>1710UA (12181-600)</b>	45.4 kg (100 lb) drum	1460.15

**CUPRIC SULFATE, TECHNICAL, POWDER**

CuSO4! 5H2O FW 249.68  
 DOT: Not Regulated (RQ 10 lb.)  
 CAS #7758-99-8 RTECS GL8900000  
 Storage Code: Green

<b>1720AL (51551-010)</b>	500 g poly bottle	\$ 21.95
	6 x 500 g poly bottle	20.15
<b>1720NG (51551-200)</b>	2.5 kg poly bottle	84.60
	4 x 2.5 kg poly bottle	66.50
<b>1720UB (51551-610)</b>	45.4 kg (100 lb) bag	189.70

**CUPRIC SULFATE, TECHNICAL, CRYSTAL**

CuSO4! 5H2O FW 249.68  
 DOT: Not Regulated (RQ 10 lb.)  
 CAS #7758-99-8 RTECS GL8900000  
 Storage Code: Green

<b>1725AL (51553-010)</b>	500 g poly bottle	\$ 19.20
	6 x 500 g poly bottle	13.55
<b>1725NG (51553-200)</b>	2.5 kg poly bottle	56.45
	4 x 2.5 kg poly bottle	47.35
<b>1725PV (51553-250)</b>	12 kg carton	153.50
<b>1725UB (51553-610)</b>	45.4 kg (100 lb) bag	184.65

**CUPROUS CHLORIDE, ACS, POWDER**

CuCl FW 99.00  
 CAS #7758-89-6 RTECS GL6990000  
 Storage Code: Green

		<b>Specifications</b>
Assay (CuCl) .....		Min. 90.0%
		Maximum Limits of Impurities
Arsenic (As) .....		0.001%
Insoluble in Acid .....		0.02%
Iron (Fe) .....		0.005%
Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) .....		0.2%
Sulfate (SO4) .....		0.1%

<b>1730LB (12191-115)</b>	125 g poly bottle	Inquire
<b>1730AL (12191-010)</b>	500 g poly bottle	Inquire
<b>1730NA (12191-190)</b>	2 kg poly bottle	Inquire

**CURCUMIN, REAGENT (BRILLIANT YELLOW S)**

C<sub>21</sub>H<sub>20</sub>O<sub>6</sub> C.I. 75300 FW 368.39  
 CAS #458-37-7 RTECS MI5230000  
 Storage Code: Green

<b>1745AG (12211-007)</b>	10 g poly bottle	\$ 55.30
<b>1745AH (12211-008)</b>	25 g poly bottle	84.60

**CYCLOHEXANE, HPLC/SPECTRO**

**Packaged under Nitrogen. Submicron filtered.**

C<sub>6</sub>H<sub>12</sub> FW 84.16 (1 L = 0.779 kg)  
 DOT: Flammable Liquid UN 1145  
 CAS #110-82-7 RTECS GU6300000  
 Storage Code: Red

		<b>Specifications</b>
Appearance .....		Clear
Assay .....		Min. 99.5%
		Maximum Limits of Impurities
Color .....		APHA 10
Residue After Evaporation .....		3 ppm
Water .....		0.02%

<b>1753FC</b>	1 L glass bottle	\$ 48.00
	6 x 1 L glass bottle	42.00
<b>1753ML</b>	4 L glass bottle	98.00
	4 x 4 L glass bottle	92.00

**CYCLOHEXANE, ACS**

C<sub>6</sub>H<sub>12</sub> FW 84.16 (1 L = 0.779 kg)  
 DOT: Flammable Liquid UN 1145  
 CAS #110-82-7 RTECS GU6300000  
 Storage Code: Red

		<b>Specifications</b>
Appearance .....		Clear
Assay .....		Min. 99.0%
		Maximum Limits of Impurities
Color .....		APHA 10
Residue After Evaporation .....		0.002%
Substances Darkened by Sulfuric Acid .....		To Pass Test
Water .....		0.02%

<b>1750CH (12250-030)</b>	500 ml glass bottle	\$ 24.25
	6 x 500 ml glass bottle	16.90

<b>1750ML (12250-150)</b>	4 L glass bottle	73.55
	4 x 4 L glass bottle	51.95
<b>1750QC (12250-280)</b>	20 L steel drum	186.30

**DECAHYDRONAPHTHALENE, 98%, REAGENT**

(Mixture of cis- and trans-)

C<sub>10</sub>H<sub>18</sub> FW 138.25 (1 L = 0.90 kg)  
 DOT: Flammable Liquid UN 1147  
 CAS #91-17-8 RTECS QJ3150000  
 Storage Code: Red

<b>1785CH (12810-030)</b>	500 ml glass bottle	\$ 112.75
<b>1785FC (12810-057)</b>	1 L glass bottle	175.45
<b>1785ML (12810-150)</b>	4 L glass bottle	485.75

**DEMINEALIZING SOLUTION**

(Forage Fiber Analysis)

<b>8560GA (62798-067)</b>	1 L poly bottle	\$ 13.35
<b>8560GD (62798-070)</b>	3.8 L poly bottle	18.65
<b>8560QH (62798-292)</b>	20 L Hedwin cube	49.70

**DEXTROSE, ANHYDROUS, ACS, (d-Glucose)**

C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> FW 180.16  
 CAS #50-99-7 RTECS LZ6600000  
 Storage Code: Green

**Specifications**

Specific Rotation D 25°C .....	+52.5° - +53.0°
Maximum Limits of Impurities	
Arsenic (As) .....	0.4 ppm
Chloride (Cl) .....	0.01%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Loss on Drying at 105°C .....	0.2%
Residue After Ignition .....	0.02%
Starch .....	To Pass Test
Sulfate and Sulfite (as SO <sub>4</sub> ) .....	0.005%
Titrateable Acid .....	0.002 meq/g

<b>1795AL (12822-010)</b>	500 g poly bottle	\$ 19.50
	6 x 500 g poly bottle	14.10
<b>1795NG (12822-200)</b>	2.5 kg poly bottle	57.55
	4 x 2.5 kg poly bottle	43.95
<b>1795PV (12822-250)</b>	12 kg carton	189.80

**DEXTROSE, ANHYDROUS, USP, GRANULAR**

C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> FW 180.16  
 CAS 50-99-7 RTECS LZ6600000  
 Storage Code: Green

<b>1805AL (21292-010)</b>	500 g poly bottle	\$ 18.10
	6 x 500 g poly bottle	15.90
<b>1805NG (21292-200)</b>	2.5 kg poly bottle	48.75
	4 x 2.5 kg poly bottle	42.30
<b>1805PV (21292-250)</b>	12 kg carton	185.55



**DEXTROSE, ANHYDROUS, USP, POWDER**

C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> FW 180.16  
 CAS #50-99-7 RTECS LZ6600000  
 Storage Code: Green

<b>1810AL (21991-010)</b>	500 g poly bottle	\$ 17.80
	6 x 500 g poly bottle	15.00
<b>1810NG (21991-200)</b>	2.5 kg poly bottle	47.35
	4 x 2.5 kg poly bottle	39.50
<b>1810PV (21991-250)</b>	12 kg carton	135.25
<b>1810UA (21991-600)</b>	45.4 kg (100 lb) drum	252.95

**DEXTROSE, ANHYDROUS, LAB GRADE, POWDER**

C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> FW 180.16  
 CAS #50-99-7 RTECS LZ6600000  
 Storage Code: Green

<b>1800AL (52481-010)</b>	500 g poly bottle	\$ 16.80
	6 x 500 g poly bottle	14.00
<b>1800NG (52481-200)</b>	2.5 kg poly bottle	44.35
	4 x 2.5 kg poly bottle	36.50

**DEXTROSE, MONOHYDRATE, LAB, GRANULAR**

(Not for I.V.)  
 C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>·H<sub>2</sub>O FW 198.18  
 CAS #5996-10-1 RTECS LZ6600000  
 Storage Code: Green

<b>1820AL (52471-010)</b>	500 g poly bottle	\$ 17.25
	6 x 500 g poly bottle	15.00
<b>1820NG (52471-200)</b>	2.5 kg poly bottle	45.20
	4 x 2.5 kg poly bottle	36.65
<b>1820PV (52471-250)</b>	12 kg carton	115.10
<b>1820UA (52471-600)</b>	45.4 kg (100 lb) drum	249.00

**DIBUTYL PHTHALATE, 99%**

C<sub>6</sub>H<sub>4</sub>(CO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>)<sub>2</sub> FW 278.35  
 CAS #84-74-2 RTECS TI0875000  
 Storage Code: Green

<b>1830CH (57110-030)</b>	500 ml glass bottle	\$ 17.55
<b>1830ML (57110-150)</b>	4 L glass bottle	47.30
<b>1830QC (57110-280)</b>	20 L steel drum	191.50

**p-DICHLOROBENZENE, PURIFIED, CRYSTAL**

C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub> FW 147.01  
 DOT: Poison, Keep Away From Foods UN 1592  
 CAS #106-46-7 RTECS CZ4550000  
 Storage Code: Red

<b>1835AL (57103-010)</b>	500 g poly bottle	\$ 19.20
	6 x 500 g poly bottle	17.00
<b>1835NG (57103-200)</b>	2.5 kg poly bottle	53.00
	4 x 2.5 kg poly bottle	45.45
<b>1835PV (57103-250)</b>	12 kg carton	168.05

**1,2-DICHLOROETHANE, ACS**

C<sub>2</sub>H<sub>4</sub>Cl<sub>2</sub> FW 98.96 (1 L = 1.255 kg)  
 DOT: Flammable Liquid UN 1184  
 CAS #107-06-2 RTECS KI0525000  
 Storage Code: Red

**Specifications**

Appearance ..... Clear  
 Assay ..... Min. 99.0%  
 Maximum Limits of Impurities  
 Color ..... APHA 10

Residue After Evaporation ..... 0.002%  
 Titratable Acid ..... 0.0003 meq/g  
 Water ..... 0.03%

**1840CH (12280-030)** 500 ml glass bottle \$ 17.35  
 6 x 500 ml glass bottle 15.00

**1840ML (12280-150)** 4 L glass bottle 55.95  
 4 x 4 L glass bottle 45.80

**1840QC (12280-280)** 20 L steel drum 190.35

**DIETHYLENTRIAMINEPENTAACETIC ACID (DTPA)**

((HOOCCH<sub>2</sub>)<sub>2</sub>NCH<sub>2</sub>CH<sub>2</sub>)<sub>2</sub>NCH<sub>2</sub>COOH FW 393.35  
 CAS #67-43-6 RTECS MB8205000  
 Storage Code: Green

**Specifications**  
 Assay ..... Min. 98%

**1875LB (52495-115)** 125 g poly bottle \$ 22.75  
**1875AL (52495-010)** 500 g poly bottle 64.05

**p-DIMETHYLAMINO BENZALDEHYDE, ACS (Ehrlich's Reagent)**

(CH<sub>3</sub>)<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>CHO FW 149.19  
 CAS #100-10-7 RTECS CU5775000  
 Storage Code: Green

**Specifications**  
 Melting Point ..... 73 - 75°C  
 Maximum Limits of Impurities  
 Color of Alcohol Solution ..... APHA 60  
 Color of Hydrochloric Acid Solution ..... To Pass Test  
 Residue After Ignition ..... 0.1%  
 Solubility in Alcohol ..... To Pass Test  
 Solubility in Hydrochloric Acid ..... To Pass Test

**1895AH (12343-008)** 25 g poly bottle \$ 41.05

**n,n-DIMETHYLFORMAMIDE, HPLC/SPECTRO**

C<sub>3</sub>H<sub>7</sub>NO FW 73.10 (1 L = 0.953 kg)  
 DOT: Combustible Liquid NA 1993  
 CAS #68-12-2 RTECS LQ2100000  
 Storage Code: Red

**Specifications**  
 Appearance ..... Clear  
 Assay ..... Min. 99.8%  
 Maximum Limits of Impurities  
 Color ..... APHA 10  
 Residue After Evaporation ..... 5 ppm  
 Water ..... 0.05%

**1902FC** 1 L glass bottle \$ 49.50  
 6 x 1 L glass bottle 45.00

**1902ML** 4 L glass bottle 145.50  
 4 x 4 L glass bottle 140.00

**n,n-DIMETHYLFORMAMIDE, ACS**

C<sub>3</sub>H<sub>7</sub>NO FW 73.10 (1 L = 0.953 kg)  
 DOT: Combustible Liquid NA 1993  
 CAS #68-12-2 RTECS LQ2100000  
 Storage Code: Red

**Specifications**  
 Appearance ..... Clear  
 Assay ..... Min. 99.8%  
 Maximum Limits of Impurities  
 Color ..... APHA 15  
 Residue After Evaporation ..... 0.005%  
 Titratable Acid ..... 0.0005 meq/g  
 Titratable Base ..... 0.003 meq/g  
 Water ..... 0.15%

<b>1900CH (12340-030)</b>	500 ml glass bottle	\$ 22.45
	6 x 500 ml glass bottle	19.30
<b>1900ML (12340-150)</b>	4 L glass bottle	84.90
	4 x 4 L glass bottle	64.80
<b>1900HF (12340-084)</b>	3.8 L screw top can	87.15

**DIMETHYLGLYOXIME, ACS, POWDER**

CH<sub>3</sub>C=NOHC=NOHCH<sub>3</sub> FW 116.12  
 CAS #95-45-4 RTECS EK2975000  
 Storage Code: Green

**Specifications**

Melting Point ..... Approx. 240°C  
 Suitability for Nickel Determination ..... To Pass Test  
 Maximum Limits of Impurities  
 Insoluble in Alcohol ..... 0.05%  
 Residue After Ignition ..... 0.05%

<b>1910AH (12351-008)</b>	25 g poly bottle	\$ 20.30
<b>1910LB (12351-115)</b>	125 g poly bottle	61.15
<b>1910AL (12351-010)</b>	500 g poly bottle	230.95

**1,4-DIOXANE, ACS (STABILIZED)**

(CH<sub>2</sub>)<sub>4</sub>O<sub>2</sub> FW 88.11 (1 L = 1.03 kg)  
 DOT: Flammable Liquid UN 1165  
 CAS #123-91-1 RTECS JG8225000  
 Storage Code: Red

**Specifications**

Assay ..... Min. 99.0%  
 Freezing Point ..... Min. 11.0°C  
 Maximum Limits of Impurities  
 Carbonyl (as HCHO) ..... 0.01%  
 Color ..... APHA 20  
 Peroxide (as H<sub>2</sub>O<sub>2</sub>) ..... 0.005%  
 Residue After Evaporation ..... 0.005%  
 Titratable Acid ..... 0.0016 meq/g  
 Water ..... 0.05%

<b>1920CH (12370-030)</b>	500 ml glass bottle	\$ 32.45
	6 x 500 ml glass bottle	24.85
<b>1920HF (12370-084)</b>	4 L steel drum	107.00
<b>1920ML (12370-150)</b>	4 L glass bottle	122.50
	4 x 4 L glass bottle	101.45
<b>1920QC (12370-280)</b>	20 L steel drum	415.80

**DIPHENYLAMINE, ACS (n-Phenylbenzeneamine)**

(Oxidation-reduction indicator, White)

(C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>NH FW 169.23  
 CAS #122-39-4 RTECS JJ7800000  
 Storage Code: Green

**Specifications**

Melting Point ..... 52.5 - 54.0°C  
 Sensitivity to Nitrate ..... To Pass Test  
 Maximum Limits of Impurities  
 Nitrate (NO<sub>3</sub>) ..... To Pass Test  
 Residue After Ignition ..... 0.03%  
 Solubility in Alcohol ..... To Pass Test

<b>1930LA (12410-114)</b>	100 g poly bottle	\$ 59.60
<b>1930AL (12410-010)</b>	500 g poly bottle	132.20

**s-DIPHENYLCARBAZONE, ACS**

(Reagent for Mercury determination)

C<sub>26</sub>H<sub>26</sub>N<sub>8</sub>O<sub>2</sub>

FW 482.55

CAS #538-62-5

Storage Code: Green

**Specifications**

Sensitivity ..... To Pass Test  
 Maximum Limits of Impurities  
 Residue After Ignition ..... 0.1%  
 Solubility in Acetone ..... To Pass Test

**1935AF (12405-006)** 5 g poly bottle \$ 23.85  
**1935AH (12405-008)** 25 g poly bottle 114.65  
**1935LA (12405-114)** 100 g poly bottle 298.00

**1,5-DIPHENYLCARBOHYDRAZIDE, ACS**C<sub>6</sub>H<sub>5</sub>NHNHCONHNHC<sub>6</sub>H<sub>5</sub>

FW 242.29

CAS #140-22-7

Storage Code: Green

**Specifications**

Melting Point ..... 173 - 176°C  
 Sensitivity to Chromate ..... To Pass Test  
 Maximum Limits of Impurities  
 Residue After Ignition ..... 0.05%  
 Solubility in Aqueous Acetone ..... To Pass Test

**1940AH (12395-008)** 25 g poly bottle \$ 79.10

**DITHIZONE, ACS**

Reagent for the colorimetric determination of various metals

C<sub>6</sub>H<sub>5</sub>NHNHCSN:NC<sub>6</sub>H<sub>5</sub>

FW 256.32

CAS #60-10-6

RTECS LQ9450000

Storage Code: Green

**Specifications**

Assay ..... Min. 85.0%  
 Ratio of Absorbances ..... Min. 1.55  
 Maximum Limits of Impurities  
 Heavy Metals (as Pb) ..... 0.002%  
 Residue After Ignition ..... 0.3%

**1945AG (12420-007)** 10 g poly bottle \$ 59.60  
**1945AH (12420-008)** 25 g poly bottle 114.65

**DOCTOR SOLUTION (Sodium Plumbite)**for H<sub>2</sub>S and Mercaptans in Gasoline, Kerosene, or Petroleum Solvents

**8563GA (62800-067)** 1 L poly bottle \$ 15.45  
**8563GD (62800-070)** 3.8 L poly bottle 28.20  
**8563QH (62800-292)** 20 L Hedwin cube 110.35

**DRIERITE®, REGULAR, 4 MESH**

CAS #7778-18-9

Storage Code: Green

Drierite® - Trademark of the W.A. Hammond Co.

**1985AL (12431-010)** 500 g poly bottle \$ 12.90

**DRIERITE®, REGULAR, 6 MESH**

CAS #7778-18-9

Storage Code: Green

**1990AL (12432-010)** 500 g poly bottle \$ 12.35

**DRIERITE®, REGULAR, 8 MESH**

CAS #7778-18-9

Storage Code: Green

**1995AL (12433-010)** 500 g poly bottle \$ 16.95

**DRIERITE®, REGULAR, 10-20 MESH**

CAS #7778-18-9

Storage Code: Green

**1980AL (12434-010)** 500 g poly bottle \$ 13.55

**DRIERITE®, INDICATING, 4 MESH**

CAS #7778-18-9

Storage Code: Blue

**1965AL (12441-010)** 500 g poly bottle \$ 29.20  
4 x 500 g poly bottle 23.25

**1965NG (12441-200)** 2.5 kg poly bottle 113.60

**DRIERITE®, INDICATING, 6 MESH**

CAS #7778-18-9

Storage Code: Blue

**1970AL (12442-010)** 500 g poly bottle \$ 27.10  
4 x 500 g poly bottle 21.65

**1970NG (12442-200)** 2.5 kg poly bottle 92.00

**DRIERITE®, INDICATING, 8 MESH**

CAS #7778-18-9

Storage Code: Blue

**1975AL (12443-010)** 500 g poly bottle \$ 32.45  
4 x 500 g poly bottle 26.00

**1975NG (12443-200)** 2.5 kg poly bottle 108.20

**DRIERITE®, INDICATING, 10-20 MESH**

CAS #7778-18-9

Storage Code: Blue

**1960AL (12444-010)** 500 g poly bottle \$ 26.50  
4 x 500 g poly bottle 22.75

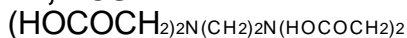
**1960NG (12444-200)** 2.5 kg poly bottle 101.70

**DTPA CONCENTRATE**

Soils Extractant for Zinc, Manganese, Iron and Copper  
(2.5 L concentrate dilutes with distilled water to 19 L)

**8566FA (62805-055)** 2.5 L glass bottle \$ 49.70  
4 x 2.5 L glass bottle 45.55

**8566QH (62805-292)** 20 L Hedwin cube 253.60  
4 x 20 L Hedwin cube 243.25

**EDTA, ACS**

CAS #60-00-4

Storage Code: Green

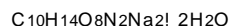
FW 292.25

RTECS AH4025000

**Specifications**

Assay .....	99.4 - 100.6%
	Maximum Limits of Impurities
Calcium (Ca) .....	0.001%
Heavy Metals (as Pb) .....	0.001%
Insoluble in Dilute Ammonium Hydroxide .....	0.005%
Iron (Fe) .....	0.005%
Magnesium (Mg) .....	5 ppm
Nitrilotriacetic Acid .....	0.1%
Residue After Ignition .....	0.2%

<b>2000LB (12474-115)</b>	125 g poly bottle	\$ 18.65
	6 x 125 g poly bottle	14.30
<b>2000AL (12474-010)</b>	500 g poly bottle	39.55
	6 x 500 g poly bottle	35.45
<b>2000NG (12474-200)</b>	2.5 kg poly bottle	174.70
	4 x 2.5 kg poly bottle	166.00
<b>2000PV (12474-250)</b>	12 kg carton	660.80

**EDTA, DISODIUM SALT, DIHYDRATE, ACS**

CAS #6381-92-6

Storage Code: Green

FW 372.24

RTECS AH4375000

**Specifications**

Assay .....	99.0 - 101.0%
pH of a 5% solution at 25°C .....	4.0 - 6.0
	Maximum Limits of Impurities
Heavy Metals (as Pb) .....	0.005%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.01%
Nitrilotriacetic Acid ((HOCOCH <sub>2</sub> ) <sub>3</sub> N) .....	0.1%

<b>2005LB (12475-115)</b>	125 g poly bottle	\$ 24.10
	6 x 125 g poly bottle	18.35
<b>2005AL (12475-010)</b>	500 g poly bottle	62.45
	6 x 500 g poly bottle	53.65
<b>2005NG (12475-200)</b>	2.5 kg poly bottle	193.05
	4 x 2.5 kg poly bottle	187.05
<b>2005PV (12475-250)</b>	12 kg carton	669.40

**EDTA, 0.0575 MOLAR SOLUTION**

<b>8572GA (62818-067)</b>	1 L poly bottle	\$ 18.50
<b>8572GD (62818-070)</b>	3.8 L poly bottle	39.50
<b>8572QH (62818-292)</b>	20 L Hedwin cube	72.20

**EDTA, 0.10 MOLAR SOLUTION**

<b>8575GA (62813-067)</b>	1 L poly bottle	\$ 18.25
<b>8575GD (62813-070)</b>	3.8 L poly bottle	38.50
<b>8575QH (62813-292)</b>	20 L Hedwin cube	69.75

**EDTA TITRANT, 1 ml = 1 mg CaCO<sub>3</sub>, A.P.H.A.**

for Water Hardness (0.01 M)

<b>8581GA (62810-067)</b>	1 L poly bottle	\$ 17.50
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<b>8581GD (62810-070)</b>	3.8 L poly bottle	29.50
<b>8581QH (62810-292)</b>	20 L Hedwin cube	47.60

**ERIOCHROME BLACK T, REAGENT, POWDER**

C<sub>20</sub>H<sub>12</sub>N<sub>3</sub>NaO<sub>7</sub>S (C.I. 14645) FW 461.39  
 CAS #1787-61-7  
 Storage Code: Green

<b>8599AH (72560-008)</b>	25 g poly bottle	\$ 18.40
<b>8599LA (72560-114)</b>	100 g poly bottle	45.45

**ETHANOL, 80% v/v (See "ETHYL ALCOHOL 80% v/v")**

**ETHANOLAMINE, REAGENT (2-Aminoethanol)**

H<sub>2</sub>NCH<sub>2</sub>CH<sub>2</sub>OH FW 61.09  
 DOT: Corrosive Material UN 2491  
 CAS #141-43-5 RTECS KJ5775000  
 Storage Code: Red

		<b>Specifications</b>
Assay .....		Min. 99%
Density (g/ml) at 20/20°C .....		1.0160 - 1.0190
		<b>Maximum Limits of Impurities</b>
Water .....		0.3%

<b>2025CH (15215-030)</b>	500 ml glass bottle	\$ 47.50
<b>2025ML (15215-150)</b>	4 L glass bottle	63.85
<b>2025QC (15215-280)</b>	20 L steel drum	208.70

**ETHER, ACS**

(CH<sub>3</sub>CH<sub>2</sub>)<sub>2</sub>O FW 74.12 (1 L = 0.708 kg)  
 DOT: Flammable Liquid UN 1155  
 CAS #60-29-7 RTECS KI5775000  
 Storage Code: Red

		<b>Specifications</b>
Assay .....		Min. 98.0%
		<b>Maximum Limits of Impurities</b>
Carbonyl (as HCHO) .....		0.001%
Color .....		APHA 10
Peroxide (H <sub>2</sub> O <sub>2</sub> ) .....		1 ppm
Residue After Evaporation .....		0.001%
Substances Darkened by Sulfuric Acid .....		To Pass Test
Titrateable Acid .....		0.0002 meq/g

<b>2030DE (12500-037)</b>	950 ml screw top can	\$ 28.45
	6 x 950 ml screw top can	25.15
<b>2030HF (12500-084)</b>	4 L steel drum	98.60
	4 x 4 L steel drum	91.50
<b>2030QC (12500-280)</b>	20 L steel drum	215.25
	24 x 20 L steel drum	159.85

**ETHER, ANHYDROUS, ACS (ABSOLUTE)**

(CH<sub>3</sub>CH<sub>2</sub>)<sub>2</sub>O FW 74.12 (1 L = 0.708 kg)  
 DOT: Flammable Liquid UN1155  
 CAS #60-29-7 RTECS KI5775000  
 Storage Code: Red

		<b>Specifications</b>
Assay .....		Min. 99.0%
		<b>Maximum Limits of Impurities</b>
Alcohol (C <sub>2</sub> H <sub>5</sub> OH) .....		To Pass Test (approx. 0.05%)
Carbonyl (as HCHO) .....		0.001%
Color .....		APHA 10

Peroxide (H <sub>2</sub> O <sub>2</sub> ) .....	1 ppm
Residue After Evaporation .....	0.001%
Substances Darkened by Sulfuric Acid .....	To Pass Test
Titrateable Acid .....	0.0002 meq/g
Water .....	0.03%

<b>2035DE (12530-037)</b>	950 ml screw top can	\$ 29.50
	6 x 950 ml screw top can	25.00
<b>2035HF (12530-084)</b>	4 L steel drum	118.30
	4 X 4 L steel drum	94.50
<b>2035QC (12530-280)</b>	20 L steel drum	212.85
	24 x 20 L steel drum	190.10
<b>2035RX (12530-334)</b>	205 L (320 lb) drum	1,015.00
	4 x 205 L (320 lb) drum	995.00

**ETHER, USP (NOT FOR ANESTHESIA)**

(CH<sub>3</sub>CH<sub>2</sub>)<sub>2</sub>O                      FW 74.12                      (1 L = 0.708 kg)  
 DOT: Flammable Liquid                      UN 1155  
 CAS #60-29-7                      RTECS KI5775000  
 Storage Code: Red

<b>2055DE (21850-037)</b>	950 ml screw top can	\$ 31.60
	6 x 950 ml screw top can	27.35
<b>2055HE (21850-083)</b>	4 L steel drum	149.00
	4 x 4 L steel drum	135.50
<b>2055QC (21850-280)</b>	20 L steel drum	245.55
	24 x 20 L steel drum	197.00
<b>2055RX (21850-334)</b>	205 L (320 lb) drum	1,090.00

**ETHER, TECHNICAL**

(CH<sub>3</sub>CH<sub>2</sub>)<sub>2</sub>O                      FW 74.12                      (1 L = 0.708 kg)  
 DOT: Flammable Liquid                      UN 1155  
 CAS #60-29-7                      RTECS KI5775000  
 Storage Code: Red

<b>2050DE (52501-037)</b>	950 ml screw top can	\$ 29.15
	6 x 950 ml screw top can	23.60
<b>2050HF (52501-084)</b>	4 L steel drum	79.45
	4 x 4 L steel drum	71.50
<b>2050QC (52501-280)</b>	20 L steel drum	196.40
	24 x 20 L steel drum	159.50

**2-ETHOXYETHANOL (See "ETHYLENE GLYCOL MONOETHYL ETHER")**

**ETHYL ACETATE, ACS**

CH<sub>3</sub>COOC<sub>2</sub>H<sub>5</sub>                      FW 88.11                      (1 L = 0.897 kg)  
 DOT: Flammable Liquid                      UN 1173  
 CAS #141-78-6                      RTECS AH5425000  
 Storage Code: Red

**Specifications**

Assay .....	Min. 99.5%
	Maximum Limits of Impurities
Color .....	APHA 10
Residue After Evaporation .....	0.003%
Substances Darkened by Sulfuric Acid .....	To Pass Test
Titrateable Acid .....	0.0009 meq/g
Water .....	0.2%

<b>2080CH (12440-030)</b>	500 ml glass bottle	\$ 13.00
	6 x 500 ml glass bottle	10.30
<b>2080HF (12440-083)</b>	4 L steel drum	51.45
	4 x 4L steel drum	44.50
<b>2080ML (12440-150)</b>	4 L glass bottle	58.45
	4 x 4 L glass bottle	49.80



<b>2080QC (12440-280)</b>	20 L steel drum	192.15
	24 x 20 L steel drum	164.00
<b>2080SB (12440-338)</b>	209 L (413 lb) drum	690.70

#### ETHYL ACETATE, 99%

CH3COOC2H5 FW 88.11 (1 L = 0.897 kg)  
 DOT: Flammable Liquid UN 1173  
 CAS #141-78-6 RTECS AH5425000  
 Storage Code: Red

<b>2075HF (57950-083)</b>	4 L steel drum	\$ 39.15
	4 x 4 L steel drum	33.00

<b>2075QC (57950-280)</b>	20 L steel drum	170.05
	24 x 20 L steel drum	142.80

<b>2075SC (57950-339)</b>	210 L (415 lb) drum	581.65
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#### ETHYL ALCOHOL, 95%, COMPLETELY DENATURED, 190 PROOF

C2H5OH FW 46.07 (1 L = 0.79 kg)  
 DOT: Flammable Liquid UN 1170  
 CAS #64-17-5 RTECS KQ6300000  
 Storage Code: Red

<b>2125CM (55200-033)</b>	500 ml poly bottle	\$ 15.75
	6 x 500 ml poly bottle	10.35

<b>2125HB (55200-080)</b>	4 L poly bottle	34.20
	4 x 4 L poly bottle	26.40

<b>2125QC (55200-280)</b>	20 L steel drum	89.70
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<b>2125SH (55200-344)</b>	215 L (373 lb) drum	425.00
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#### ETHYL ALCOHOL, ANHYDROUS, SPECIALLY DENATURED, 200 PROOF

C2H5OH FW 46.07  
 DOT: Flammable Liquid UN 1170  
 CAS #64-17-5 RTECS KQ6300000  
 Storage Code: Red

<b>2130CM (55210-033)</b>	500 ml poly bottle	\$ 15.75
	6 x 500 ml poly bottle	10.50

<b>2130HB (55210-080)</b>	4 L poly bottle	34.35
	4 x 4 L poly bottle	26.55

<b>2130QC (55210-280)</b>	20 L steel drum	100.15
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<b>2130SC (55210-339)</b>	210 L (366 lb) drum	495.00
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#### ETHYL ALCOHOL, REAGENT (See "REAGENT ALCOHOL")

#### ETHYL ALCOHOL, 80%, (v/v)

(Forage Fiber Analysis)

<b>8602GA (62817-067)</b>	1 L poly bottle	\$ 12.45
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<b>8602GD (62817-070)</b>	3.8 L poly bottle	37.30
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#### ETHYLENE DICHLORIDE (See "1,2-DICHLOROETHANE")

**ETHYLENE GLYCOL, REAGENT**

C<sub>2</sub>H<sub>6</sub>O<sub>2</sub> FW 62.07 (1 L = 1.113 kg)  
 CAS #107-21-1 RTECS KW 2975000  
 Storage Code: Green

**Specifications**

Boiling Range ..... 193 - 205°C  
 Specific Gravity at 25°/25°C ..... 1.112 - 1.115  
 Maximum Limits of Impurities  
 Acidity (as CH<sub>3</sub>COOH) ..... 0.010%  
 Chloride (Cl) ..... 0.0005%  
 Iron (Fe) ..... 0.2 ppm  
 Residue After Ignition ..... 0.005%  
 Water ..... 0.20%

<b>2165CM (12460-033)</b>	500 ml poly bottle	\$ 16.60
	6 x 500 ml poly bottle	13.50
<b>2165HB (12460-080)</b>	4 L poly bottle	49.60
	4 x 4 L poly bottle	42.85
<b>2165QC (12460-280)</b>	20 L steel drum	181.15

**ETHYLENE GLYCOL, PURIFIED, 99%**

C<sub>2</sub>H<sub>6</sub>O<sub>2</sub> FW 62.07 (1 L = 1.113 kg)  
 CAS #107-21-1 RTECS KW 2975000  
 Storage Code: Green

<b>2150CM (52610-033)</b>	500 ml poly bottle	\$ 14.50
	6 x 500 ml poly bottle	12.45
<b>2150GD (52610-070)</b>	3.8 L poly bottle	38.35
	4 x 3.8 L poly bottle	31.60
<b>2150QC (52610-280)</b>	20 L steel drum	132.00

**ETHYLENE GLYCOL MONOETHYL ETHER, 98%, REAGENT**

(Cellosolve) (2-Ethoxyethanol)

CH<sub>3</sub>CH<sub>2</sub>OCH<sub>2</sub>CH<sub>2</sub>OH FW 90.12 (1 L = 0.931 kg)  
 DOT: Combustible Liquid UN 1171  
 CAS #110-80-5 RTECS KK8050000  
 Storage Code: Red

<b>2155DE (12510-037)</b>	950 ml screw top can	\$ 18.75
	6 x 950 ml screw top can	17.30
<b>2155HF (12510-084)</b>	3.8 L screw top can	48.00
	4 x 3.8 L screw top can	40.60
<b>2155QC (12510-280)</b>	20 L steel drum	171.20

**ETHYLENE GLYCOL MONOMETHYL ETHER, REAGENT (2-Methoxyethanol)**

CH<sub>3</sub>OCH<sub>2</sub>CH<sub>2</sub>OH FW 76.09 (1 L = 0.960 kg)  
 DOT: Combustible Liquid UN 1188  
 CAS #109-86-4 RTECS KL5775000  
 Storage Code: Red

**Specifications**

Assay ..... Min. 99.0%  
 Maximum Limits of Impurities  
 Color ..... APHA 10  
 Titratable Acid ..... 0.002 meq/g  
 Water ..... 0.1%

<b>2160CH (12525-030)</b>	500 ml glass bottle	\$ 19.20
<b>2160FA (12525-055)</b>	2.5 L glass bottle	44.60
	4 x 2.5 L glass bottle	38.90
<b>2160QC (12525-280)</b>	20 L steel drum	203.05

**FAA SOLUTION**

Formaldehyde - Acid Alcohol Preservative for Insects and Annelids

<b>8605CM (62820-033)</b>	500 ml poly bottle	\$ 10.35
<b>8605GA (62820-067)</b>	1 L poly bottle	14.00

**FEHLING'S SOLUTION A (Cupric Sulfate)**

for Reducing Sugars

<b>8614CM (62830-033)</b>	500 ml poly bottle	\$ 10.30
<b>8614GA (62830-067)</b>	1 L poly bottle	15.35

**FEHLING'S SOLUTION B (Alkaline Tartrate)**

for Reducing Sugars

<b>8617CM (62831-033)</b>	500 ml poly bottle	\$ 10.35
<b>8617GA (62831-067)</b>	1 L poly bottle	15.45

**FERRIC AMMONIUM CITRATE, FCC, GREEN**

DOT: Not Regulated (RQ 1000 lb.)

CAS #1185-57-5

RTECS GE7540000

Storage Code: Green

<b>2180AL (31252-010)</b>	500 g poly bottle	\$ 32.45
	6 x 500 g poly bottle	27.10
<b>2180PB (31252-200)</b>	2.5 kg carton	110.30
	4 x 2.5 kg carton	90.25
<b>2180PV (31252-250)</b>	12 kg carton	248.45
	4 x 12 kg carton	225.55
<b>2180UA (31252-600)</b>	45.4 kg (100 lb) drum	731.75

**FERRIC AMMONIUM SULFATE, ACS, CRYSTAL**FeNH<sub>4</sub>(SO<sub>4</sub>)<sub>2</sub> · 12H<sub>2</sub>O

FW 482.19

CAS #7783-83-7

RTECS WS5900000

Storage Code: Green

**Specifications**

Appearance .....	Pale violet crystals
Assay .....	98.5 - 102.0%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.001%
Copper (Cu) .....	0.003%
Ferrous Iron (Fe <sup>++</sup> ) .....	To Pass Test
	(approx. 0.001%)
Insoluble Matter .....	0.01%
Nitrate (NO <sub>3</sub> ) .....	0.01%
Substances not Precipitated by Ammonium Hydroxide .....	0.05%
Zinc (Zn) .....	0.003%

<b>2185LB (12545-115)</b>	125 g poly bottle	\$ 15.80
<b>2185AL (12545-010)</b>	500 g poly bottle	36.10
	6 x 500 g poly bottle	29.30
<b>2185NG (12545-200)</b>	2.5 kg poly bottle	141.00
	4 x 2.5 kg poly bottle	101.45
<b>2185PV (12545-250)</b>	12 kg carton	445.50
<b>2185UC (12545-700)</b>	50 kg (110 lb) drum	757.10

**FERRIC CHLORIDE, PURIFIED, LUMPS**

FeCl<sub>3</sub>·6H<sub>2</sub>O FW 270.32  
 DOT: Corrosive UN 1773  
 CAS #10025-77-1 RTECS NO5425000  
 Storage Code: Green

<b>2200LB (55359-115)</b>	125 g poly bottle	\$ 12.45
<b>2200AL (55359-010)</b>	500 g poly bottle	23.85
<b>2200NG (55359-200)</b>	2.5 kg poly bottle	77.65

**FERRIC CHLORIDE, ACS, LUMPS**

FeCl<sub>3</sub>·6H<sub>2</sub>O FW 270.32  
 DOT: Corrosive UN 1773  
 CAS #10025-77-1 RTECS NO5425000  
 Storage Code: Green

**Specifications**

Assay .....	97.0 - 102.0%
	Maximum Limits of Impurities
Arsenic (As) .....	0.002%
Copper (Cu) .....	0.003%
Ferrous Iron (Fe <sup>++</sup> ) .....	To Pass Test (approx. 0.002%)
Insoluble Matter .....	0.01%
Nitrate (NO <sub>3</sub> ) .....	0.01%
Phosphorus Compounds (as PO <sub>4</sub> ) .....	0.01%
Substances not Precipitated. by Ammonium Hydroxide (as Sulfates) .....	0.1%
Sulfate (SO <sub>4</sub> ) .....	0.01%
Zinc (Zn) .....	0.003%

<b>2190LB (12645-115)</b>	125 g poly bottle	\$ 14.10
	6 x 125 g poly bottle	10.75
<b>2190AL (12645-010)</b>	500 g poly bottle	33.85
	6 x 500 g poly bottle	27.60
<b>2190NG (12645-200)</b>	2.5 kg poly bottle	118.40
	4 x 2.5 kg poly bottle	79.00
<b>2190PV (12645-250)</b>	12 kg carton	360.85

**FERRIC CHLORIDE, 0.025% SOLUTION, A.P.H.A. - for B.O.D.**

<b>8629GA (62837-067)</b>	1 L poly bottle	\$ 19.80
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**FERRIC CHLORIDE, 10% (w/v) Aqueous**

<b>8638CM (62840-033)</b>	500 ml poly bottle	\$14.50
<b>8638HB (62840-080)</b>	4 L poly bottle	41.40

**FERRIC CITRATE, GREEN POWDER (Light Sensitive)**

C<sub>6</sub>H<sub>5</sub>FeO<sub>7</sub>·5H<sub>2</sub>O FW 335.03  
 CAS #2338-05-8  
 Storage Code: Green

<b>2215JD (21912-094)</b>	500 g glass bottle	\$ 64.90
	6 x 500 g glass bottle	51.95
<b>2215JF (21912-096)</b>	2.5 kg glass bottle	142.15

**FERRIC NITRATE, ACS, CRYSTAL**

Fe(NO<sub>3</sub>)<sub>3</sub>·9H<sub>2</sub>O FW 404.00  
 DOT: Oxidizer UN 1466  
 CAS #7782-61-8 RTECS NO7175000  
 Storage Code: Yellow

**Specifications**

Assay ..... 98.0 - 101.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Substances not Precipitated. by NH<sub>4</sub>OH (as Sulfates) ..... 0.1%  
 Sulfates (SO<sub>4</sub>) ..... 0.01%

**2220AL (12673-010)** 500 g poly bottle \$ 30.00  
 6 x 500 g poly bottle 18.00  
**2220NG (12673-200)** 2.5 kg poly bottle 85.00  
 4 x 2.5 kg poly bottle 60.00  
**2220PV (12673-250)** 12 kg carton 280.00  
**2220UC (12673-700)** 50 kg (110 lb) drum 672.75

**FERRIC OXIDE, RED, TECHNICAL, POWDER**

Fe<sub>2</sub>O<sub>3</sub> FW 159.69  
 CAS #1309-37-1 RTECS NO7400000  
 Storage Code: Green

**2230AL (55361-010)** 500 g poly bottle \$ 15.80  
 6 x 500 g poly bottle 11.90  
**2230NG (55361-200)** 2.5 kg poly bottle 50.75  
 4 x 2.5 kg poly bottle 33.85  
**2230PV (55361-250)** 12 kg carton 119.60

**FERROUS AMMONIUM SULFATE, ACS, CRYSTAL**

Fe(NH<sub>4</sub>)<sub>2</sub>(SO<sub>4</sub>)<sub>2</sub>·6H<sub>2</sub>O FW 392.14  
 DOT: Not Regulated (RQ 1000 lb)  
 CAS #7783-85-9 RTECS BR6500000  
 Storage Code: Green

**Specifications**

Assay ..... 98.5 - 101.5%  
 Maximum Limits of Impurities  
 Copper (Cu) ..... 0.003%  
 Ferric Ion (Fe<sup>+++</sup>) ..... 0.01%  
 Insoluble Matter ..... 0.01%  
 Manganese (Mn) ..... 0.01%  
 Phosphate (PO<sub>4</sub>) ..... 0.003%  
 Substances not Precipitated by Ammonium Hydroxide ..... 0.05%  
 Zinc (Zn) ..... 0.003%

**2250AL (12682-010)** 500 g poly bottle \$ 68.65  
 6 x 500 g poly bottle 56.15  
**2250NG (12682-200)** 2.5 kg poly bottle 142.35  
 4 x 2.5 kg poly bottle 113.90  
**2250PV (12682-250)** 12 kg carton 445.50  
**2250UA (12682-600)** 45.4 kg (100 lb) drum 744.35

**FERROUS SULFATE, ACS, CRYSTAL**

FeSO<sub>4</sub>·7H<sub>2</sub>O FW 278.02  
 DOT: Not Regulated (RQ 1000 lb.)  
 CAS #7782-63-0 RTECS NO8510000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.001%  
 Copper (Cu) ..... 0.005%  
 Ferric Ion (Fe<sup>+++</sup>) ..... 0.1%

Insoluble Matter .....	0.01%
Manganese (Mn) .....	0.05%
Phosphate (PO4) .....	0.001%
Substances not Precipitated by Ammonium Hydroxide .....	0.05%
Zinc (Zn) .....	0.005%

<b>2260AL (13205-010)</b>	500 g poly bottle	\$ 25.40
	6 x 500 g poly bottle	19.15
<b>2260NG (13205-200)</b>	2.5 kg poly bottle	82.80
	4 x 2.5 kg poly bottle	72.45
<b>2260PV (13205-250)</b>	12 kg carton	349.00

**FERROUS SULFATE, USP/FCC, HEPTAHYDRATE, GRANULAR**

FeSO4! 7H2O FW 278.02  
 DOT: Not Regulated (RQ 1000 lb.)  
 CAS #7782-63-0 RTECS NO8510000  
 Storage Code: Green

<b>2285AL (21962-010)</b>	500 g poly bottle	\$ 16.60
	6 x 500 g poly bottle	12.45
<b>2285NG (21962-200)</b>	2.5 kg poly bottle	55.45
	4 x 2.5 kg poly bottle	50.50
<b>2285PV (21962-250)</b>	12 kg carton	175.20
<b>2285UX (21962-950)</b>	113.6 kg (250 lb) drum	1095.00

**FERROUS SULFATE, AWWA, HEPTAHYDRATE**

FeSO4! 7H2O FW 278.02  
 DOT: Not Regulated (RQ 1000 lb.)  
 CAS #7782-63-0 RTECS NO8510000  
 Storage Code: Green

<b>2265TQ (41963-510)</b>	22.7 kg (50 lb) bag	\$ 39.00
	40 x 22.7 kg (50 lb) bag	31.90

**FERROUS SULFATE, AWWA, MONOHYDRATE**

FeSO4! H2O FW 169.96  
 DOT: Not Regulated (RQ 1000 lb.)  
 CAS #7720-78-7  
 Storage Code: Green

<b>2270TQ (41962-510)</b>	22.7 kg (50 lb) bag	\$ 30.05
	40 x 22.7 kg (50 lb) bag	21.45

**FLORISIL®, REAGENT, 60-100 MESH**

(Activated Magnesium Silicate) ®Floridin Co.  
 Suitable for use in chromatography of pesticide residues  
 CAS #1343-88-0  
 Storage Code: Green

<b>2305JD (13290-094)</b>	500 g glass bottle	\$ 55.90
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**FLUOBORIC ACID, 48-50%, PURIFIED**

HBF4 FW 87.81 (1 L = 1.36 kg)  
 DOT: Corrosive Material UN 1775  
 CAS #16872-11-0 RTECS ED2685000  
 Storage Code: White

<b>2310CF (55370-028)</b>	473 ml poly bottle	\$ 26.00
	6 x 473 ml poly bottle	19.70
<b>2310QL (55370-295)</b>	19 L (55 lb) poly carboy	143.90
<b>2310NZ (55370-208)</b>	56 L (165 lb) drum	281.75
	8 x 56 L drum	263.35

**FLUORESCHEIN, DISODIUM SALT (Uranine)**

C<sub>20</sub>H<sub>10</sub>O<sub>5</sub>Na<sub>2</sub> C.I. 45350 FW 376.27  
 CAS #518-47-8 RTECS LM5425000  
 Storage Code: Green

**8671LA (72480-114)** 100 g poly bottle \$ 18.50  
**8671AL (72480-010)** 500 g poly bottle 69.00

**FORMALDEHYDE, 37% SOLUTION, ACS**

HCHO FW 30.03 (1 L = 1.08 kg)  
 DOT: Flammable Liquid UN 1198  
 CAS #50-00-0 RTECS LP8925000  
 Storage Code: Red Methanol: 10 - 15%

**Specifications**

Assay ..... 36.5 - 38.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 5 ppm  
 Color ..... APHA 10  
 Heavy Metals (as Pb) ..... 5 ppm  
 Iron (Fe) ..... 5 ppm  
 Residue After Ignition ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... 0.002%  
 Titratable Acid ..... 0.006 meq/g

**2325CM (12740-033)** 500 ml poly bottle \$ 19.25  
 6 x 500 ml poly bottle 17.00  
**2325HB (12740-080)** 4 L poly bottle 38.95  
 4 x 4 L poly bottle 36.45  
**2325QF (12740-290)** 19 L Ventflo carboy 118.15  
**2325RW (12740-333)** 204 L (490 lb) drum 528.05

**FORMALDEHYDE, 37% SOLUTION, USP**

HCHO FW 30.03 (1 L = 1.08 kg)  
 DOT: Flammable Liquid UN 1198  
 CAS #50-00-0 RTECS LP8925000  
 Storage Code: Red

**2340GD (22120-070)** 3.8 L poly bottle \$ 55.20  
 4 x 3.8 L poly bottle 49.00  
**2340QF (22120-290)** 19 L Ventflo carboy 128.00  
**2340RW (22120-333)** 204 L (490 lb) drum 449.65

**FORMALDEHYDE SOLUTION, BUFFERED 10% (w/v)**

In aqueous Phosphate Buffer (Color Coding Available)

**8677GA (62850-067)** 1 L poly bottle \$ 15.00  
**8677GD (62850-070)** 3.8 L poly bottle 29.00  
**8677QH (62850-292)** 20 L Hedwin cube 89.00

**FORMAMIDE, ACS**

HCONH<sub>2</sub> FW 45.04  
 CAS #75-12-7 RTECS LQ0525000  
 Storage Code: Blue

**Specifications**

Assay ..... Min. 99.5%  
 Freezing Point ..... 2.0 - 3.0°C  
 Maximum Limits of Impurities  
 Color ..... APHA 10

**2350AL (12780-010)** 500 g poly bottle \$ 80.25

**FORMIC ACID, 88%, ACS**

HCOOH FW 46.03 (1 L = 1.20 kg)  
 DOT: Corrosive Material UN 1779  
 CAS #64-18-6 RTECS LQ4900000  
 Storage Code: Red

**Specifications**

Assay ..... Min. 88.0%  
 Maximum Limits of Impurities  
 Acetic Acid (HC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>) ..... 0.4%  
 Ammonium (NH<sub>4</sub>) ..... 0.005%  
 Chloride (Cl) ..... 0.001%  
 Color ..... APHA 15  
 Dilution Test ..... To Pass Test  
 Heavy Metals (as Pb) ..... 5 ppm  
 Iron (Fe) ..... 5 ppm  
 Residue After Evaporation ..... 0.002%  
 Sulfate (SO<sub>4</sub>) ..... 0.002%  
 Sulfite ..... To Pass Test

<b>2355CF (12800-028)</b>	473 ml poly bottle	\$ 26.00
	6 x 473 ml poly bottle	22.75
<b>2355HB (12800-080)</b>	4 L poly bottle	104.65
	4 x 4 L poly bottle	85.60
<b>2355QF (12800-290)</b>	19 L Ventflo carboy	292.20

**FPA FIXATIVE (Formalin, Propionic Acid, 50% Alcohol)**

<b>8683CM (62860-033)</b>	500 ml poly bottle	\$ 15.10
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**GALLIC ACID, REAGENT, CRYSTAL**

C<sub>6</sub>H<sub>2</sub>(OH)<sub>3</sub>COOH! H<sub>2</sub>O FW 188.13  
 CAS #5995-86-8 RTECS LW7525000  
 Storage Code: Green

<b>2380AL (12835-010)</b>	500 g poly bottle	\$ 174.20
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**GALLIUM, METAL, 99.99%**

Ga AW 69.72  
 CAS #7440-55-3  
 Storage Code: Green

<b>2385AD (54513-004)</b>	1 g poly bottle	\$ 9.95
<b>2385AF (54513-006)</b>	5 g poly bottle	36.25

**GELATIN, TECHNICAL, GRANULAR**

CAS #9000-70-8 RTECS LX8580000  
 Storage Code: Green

<b>2395AL (54542-010)</b>	500 g poly bottle	\$ 20.55
<b>2395PB (54542-210)</b>	2.5 kg carton	65.10
<b>2395PV (54542-250)</b>	12 kg carton	183.90

**GELATIN, TECHNICAL, POWDER**

CAS #9000-70-8 RTECS LX8580000  
 Storage Code: Green

<b>2400AL (54541-010)</b>	500 g poly bottle	\$ 21.65
<b>2400NG (54541-200)</b>	2.5 kg poly bottle	54.10
<b>2400PV (54541-250)</b>	12 kg carton	194.70



**GENTIAN VIOLET, 1% AQUEOUS SOLUTION**

<b>8695KK (62870-111)</b>	100 ml poly bottle	\$ 8.75
<b>8695CM (62870-033)</b>	500 ml poly bottle	15.45

**GIBBERELIC ACID, 90+%, CRYSTAL**

C<sub>19</sub>H<sub>22</sub>O<sub>6</sub> FW 346.38  
CAS #77-06-5 RTECS LY8990000  
Storage Code: Green

<b>2415AB (55582-002)</b>	1 g glass bottle	\$ 19.70
<b>2415BH (55582-019)</b>	5 g glass bottle	46.60
<b>2415MH (55582-135)</b>	1 kg aluminum jar	1972.30

**GIBBERELIC ACID SOLUTIONS** (Various concentrations available. Please inquire)**GIBBERELIC ACID, 90+%, POWDER**

C<sub>19</sub>H<sub>22</sub>O<sub>6</sub> FW 346.38  
CAS #77-06-5 RTECS LY8990000  
Storage Code: Green

<b>2410AB (55580-002)</b>	1 g glass bottle	\$ 19.70
<b>2410BH (55580-019)</b>	5 g glass bottle	46.60
<b>2410MH (55580-135)</b>	1 kg aluminum jar	1972.30

**GIEMSA BLOOD STAINING STOCK SOLUTION**

<b>8707KK (62874-111)</b>	100 ml poly bottle	\$ 18.95
<b>8707CM (62874-033)</b>	500 ml poly bottle	74.95

**D-GLUCOSE** (See "DEXTROSE")**GLYCERIN, ANHYDROUS, ACS, (GLYCEROL)**

CH<sub>2</sub>OHCHOHCH<sub>2</sub>OH FW 92.10 (1 L = 1.25 kg)  
CAS #56-81-5 RTECS MA8050000  
Storage Code: Green

**Specifications**

Assay (by volume) .....	Min. 99.5%
	Maximum Limits of Impurities
Acrolein, Glucose and Ammonium Compounds .....	To Pass Test
Chlorinated Compounds (as Cl) .....	0.003%
Color .....	APHA 10
Fatty Acid Esters (as Butyric Acid) .....	0.05%
Heavy Metals (as Pb) .....	2 ppm
Neutrality .....	To Pass Test
Residue After Ignition .....	0.005%
Silver-Reducing Substances .....	To Pass Test
Substances Darkened by Sulfuric Acid .....	To Pass Test
Sulfate (SO <sub>4</sub> ) .....	0.001%
Water .....	0.5%

<b>2435CM (12840-033)</b>	500 ml poly bottle	\$ 27.60
	6 x 500 ml poly bottle	22.55
<b>2435GD (12840-070)</b>	3.8 L poly bottle	135.20
	4 x 3.8 L poly bottle	113.60
<b>2435QF (12840-290)</b>	19 L Ventflo carboy	349.65
<b>2435SD (12840-340)</b>	205 L (565 lb) drum	1295.00

**GLYCERIN, USP**

CH<sub>2</sub>OHCHOHCH<sub>2</sub>OH FW 92.10 (1 L = 1.25 kg)  
 CAS #56-81-5 RTECS MA8050000  
 Storage Code: Green

<b>2445CM (22220-033)</b>	500 ml poly bottle	\$ 22.80
	6 x 500 ml poly bottle	18.65
<b>2445GD (22220-070)</b>	3.8 L poly bottle	110.50
	4 x 3.8 L poly bottle	90.20
<b>2445QF (22220-290)</b>	19 L Ventflo carboy	333.40
<b>2445RR (22220-328)</b>	199 L (548 lb) drum	979.00

**GRAM'S IODINE SOLUTION**

<b>8716AM (62880-011)</b>	100 ml glass bottle	\$ 5.20
<b>8716CH (62880-030)</b>	500 ml glass bottle	10.35
<b>8716FC (62880-057)</b>	1 L glass bottle	16.60
<b>8716GE (62880-071)</b>	3.8 L glass bottle	33.15

**GUAIACOL, 98%**

CH<sub>3</sub>OC<sub>6</sub>H<sub>4</sub>OH FW 124.14 (1 L = 1.13 kg)  
 DOT: Combustible Liquid  
 CAS #90-05-1 RTECS SL7525000  
 Storage Code: Red

<b>2455DF (54555-038)</b>	240 ml poly bottle	\$ 106.00
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**GUM ARABIC, NF/FCC, POWDER (ACACIA)**

CAS #9000-01-5 RTECS CE5945000  
 Storage Code: Green

<b>2470AL (31653-010)</b>	500 g poly bottle	\$ 38.95
	6 x 500 g poly bottle	31.05
<b>2470NG (31653-200)</b>	2.5 kg poly bottle	103.80

**HEMATOXYLIN, DELAFIELD, SOLUTION**

<b>8722KK (62885-111)</b>	100 ml poly bottle	\$ 8.30
<b>8722CM (62885-033)</b>	500 ml poly bottle	23.55

**n-HEPTANE, 99% HPLC/SPECTRO**

CH<sub>3</sub>(CH<sub>2</sub>)<sub>5</sub>CH<sub>3</sub> FW 100.20 (1 L = 0.683 kg)  
 DOT: Flammable Liquid UN 1206  
 CAS #142-82-5 RTECS MI7700000  
 Storage Code: Red

**Specifications**

Appearance ..... Clear, colorless liquid  
 Assay (as n-Heptane) ..... Min. 99.0%  
Maximum Limits of Impurities  
 Color ..... APHA 10  
 Residue After Evaporation ..... 3 ppm  
 Water ..... 0.02%

<b>2499FC</b>	1 L glass bottle	\$49.95
	6 x 1 L glass bottle	45.50
<b>2499ML</b>	4 L glass bottle	132.00
	4 x 4 L glass bottle	128.50

**n-HEPTANE, REAGENT**

CH <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> CH <sub>3</sub>	FW 100.20	(1 L = 0.683 kg)
DOT: Flammable Liquid		UN 1206
CAS #142-82-5		RTECS MI7700000
Storage Code: Red		

**Specifications**

Appearance .....	Clear, colorless liquid
Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Color .....	APHA 10
Residue After Evaporation .....	0.001%
Sulfur Compounds (as S) .....	0.001%

<b>2495CH (12890-030)</b>	500 ml glass bottle	\$ 20.55
	6 x 500 ml glass bottle	17.35
<b>2495HF (12890-084)</b>	4 L steel drum	69.50
<b>2495ML (12890-150)</b>	4 L glass bottle	73.55
	4 x 4 L glass bottle	62.75
<b>2495QC (12890-280)</b>	20 L steel drum	215.50
<b>2495RY (12890-335)</b>	206 L (310 lb) drum	955.50

**n-HEPTANE, TECHNICAL GRADE**

CH <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> CH <sub>3</sub>	FW 100.20	(1 L = 0.683 kg)
DOT: Flammable Liquid		UN 1206
CAS #142-82-5		RTECS MI7700000
Storage Code: Red		

<b>2500HF (54560-084)</b>	4 L steel drum	\$ 27.05
<b>2500QC (54560-280)</b>	20 L steel drum	84.55
<b>2500RY (54560-335)</b>	206 L (310lb) drum	541.35

**HEXADECYLTRIMETHYLAMMONIUM BROMIDE (See "CETYLTRIMETHYLAMMONIUM BROMIDE")****HEXAMETHYLENETETRAMINE, ACS**

(CH <sub>2</sub> ) <sub>6</sub> N <sub>4</sub>	FW 140.19	
DOT: Flammable Solid		UN 1328
CAS #100-97-0		RTECS MN4725000
Storage Code: Green		

**Specifications**

Assay (Dried Basis) .....	Min. 99.0%
	Maximum Limits of Impurities
Heavy Metals (as Pb) .....	0.001%
Loss On Drying .....	2.0%
Residue After Ignition .....	0.1%

<b>8728AL (74110-010)</b>	500 g poly bottle	\$ 32.75
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**HEXANES, ACS**

A mixture of several isomers, chiefly C <sub>6</sub> H <sub>14</sub> & C <sub>6</sub> H <sub>12</sub>		
FW 86.18		(1 L = 0.659 kg)
DOT: Flammable Liquid		UN 1208
CAS #110-54-3		RTECS MN9275000
Storage Code: Red		

**Specifications**

Assay (sum of 5 isomers, total hexanes, plus methylcyclopentane) .....	Min. 98.5%
	Maximum Limits of Impurities
Color .....	APHA 10
Residue After Evaporation .....	0.001%
Sulfur Compounds (as S) .....	0.005%
Thiophene .....	To Pass Test
Water-Soluble Titratable Acid .....	0.0003 meq/g

<b>2535CH (12880-030)</b>	500 ml glass bottle	\$ 15.55
	6 x 500 ml glass bottle	13.50
<b>2535HF NEW PKG</b>	4 L steel drum	48.50

	4 x 4 L steel drum	34.50
<b>2535ML (12880-150)</b>	4 L glass bottle	51.75
	4 x 4 L glass bottle	45.55
<b>2535QC (12880-280)</b>	20 L steel drum	133.85
<b>2535RY (12880-335)</b>	206 L (309 lb) drum	495.00

#### HEXANES, PURIFIED

A mixture of several isomers, chiefly C<sub>6</sub>H<sub>14</sub> & C<sub>6</sub>H<sub>12</sub>  
 FW 86.18 (1 L = 0.659 kg)  
 DOT: Flammable Liquid UN 1208  
 CAS #110-54-3 RTECS MN9275000  
 Storage Code: Red

<b>2540HF (54940-084)</b>	4 L steel drum	\$ 32.00
	4 x 4 L steel drum	24.30
<b>2540QC (54940-280)</b>	20 L steel drum	92.55

#### HOLTFRETER'S SOLUTION

<b>8731KK (62890-111)</b>	100 ml poly bottle	\$ 8.25
<b>8731CM (62890-033)</b>	500 ml poly bottle	15.45

#### HYDRAZINE MONOHYDRATE

(64% as Hydrazine, 99% as Monohydrate)  
 H<sub>2</sub>NNH<sub>2</sub>! H<sub>2</sub>O FW 50.00  
 DOT: Corrosive Material UN 2030  
 CAS #7803-57-8 RTECS MV8050000  
 Storage Code: Red

<b>2550CF (12950-028)</b>	473 ml poly bottle	\$ 62.05
	6 x 473 ml poly bottle	49.65

#### HYDRAZINE SULFATE, ACS, CRYSTAL

(NH<sub>2</sub>)<sub>2</sub>! H<sub>2</sub>SO<sub>4</sub> FW 130.12  
 DOT: Corrosive Solid, n.o.s. UN 1759  
 CAS #10034-93-2 RTECS MV9625000  
 Storage Code: Blue

#### Specifications

Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.005%
Heavy Metals (as Pb) .....	0.002%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Residue After Ignition .....	0.05%

<b>2555LA (12960-114)</b>	100 g poly bottle	\$ 45.85
	12 x 100 g poly bottle	37.55
<b>2555AL (12960-010)</b>	500 g poly bottle	104.55
	12 x 500 g poly bottle	85.55

#### HYDROBROMIC ACID, 48%, ACS

HBr approx. 48% FW 80.91 (1 L = 1.5 kg)  
 DOT: Hydrobromic Acid, solution, 8, UN 1788, PG II UN 1788  
 CAS #10035-10-6 RTECS MW 3850000  
 Storage Code: White

#### Specifications

Assay .....	47.0 - 49.0%
	Maximum Limits of Impurities
Arsenic (As) .....	0.5 ppm
Chloride (Cl) .....	0.05%
Heavy Metals (as Pb) .....	5 ppm
Iodide (I) .....	0.003%
Iron (Fe) .....	1 ppm
Phosphate (PO <sub>4</sub> ) .....	0.001%
Residue After Ignition .....	0.002%
Selenium (Se) .....	0.01 ppm

Sulfate and Sulfite (as SO4) ..... 0.003%

2565CH (12970-030) 500 ml glass bottle \$ 59.15  
6 x 500 ml glass bottle 44.75

2565GC (12970-055) 2.5 L PVC glass bottle 166.75

**HYDROCHLORIC ACID, ACS**

HCl FW 36.46 (1 L = 1.18 kg)

DOT: Corrosive Material UN 1789

CAS #7647-01-0 RTECS MW 4025000

Storage Code: White

**Specifications**

Appearance ..... Free from suspended matter or sediment

Assay (HCl) ..... 36.5 - 38.0%

**Maximum Limits of Impurities**

Ammonium (NH4) ..... 3 ppm

Arsenic (As) ..... 0.01 ppm

Bromide (Br) ..... 0.005%

Color ..... APHA 10

Extractable Organic Substances ..... 5 ppm

Free Chlorine (Cl) ..... 1 ppm

Heavy Metals (as Pb) ..... 1 ppm

Iron (Fe) ..... 0.2 ppm

Residue After Ignition ..... 5 ppm

Sulfate (SO4) ..... 1 ppm

Sulfite (SO3) ..... 1 ppm

2575CH (12990-030) 500 ml glass bottle \$ 19.50  
6 x 500 ml glass bottle 12.45

2575DH (12990-040) 500 ml PVC glass bottle 21.50  
6 x 500 ml PVC glass bottle 15.45

2575FA (12990-055) 2.5 L (6.5 lb.) glass bottle 26.00  
4 x 2.5 L glass bottle 19.50

2575GC (12990-069) 2.5 L PVC glass bottle 29.50  
4 x 2.5 L PVC glass bottle 21.50

2575GD (12990-070) 3.8 L (10 lb.) poly bottle 39.00  
4 x 3.8 L poly bottle 29.00

2575QL (12990-295) 19 L (50 lb) poly carboy 110.00  
24 x 19 L (50 lb) poly carboy 76.00

2575NX (12990-206) 54 L (140 lb) poly drum 245.00 9 x 54 L (140 lb) poly drum  
219.50

2575RH (12990-320) 191 L (500 lb) poly drum 450.00  
4 x 191 L (500 lb) poly drum 365.00

**HYDROCHLORIC ACID, NF**

HCl FW 36.46 (1 L = 1.18 kg)

DOT: Corrosive Material UN 1789

CAS #7647-01-0 RTECS MW 4025000

Storage Code: White

2625QL (12970-295) 19 L (50 lb.) poly carboy \$ 105.00  
24 x 19 L poly carboy 74.00

2625RH (12970-320) 191 L (500 lb.) poly drum 455.00  
4 x 191 L poly drum 395.00

**HYDROCHLORIC ACID, PC GRADE, 22° Be**

HCl FW 36.46 (1 L = 1.18 kg)

DOT: Corrosive Material UN 1789

CAS #7647-01-0 RTECS MW 4025000

Storage Code: White

2610QL (31690-295) 19 L (50 lb.) poly carboy \$ 51.00  
24 x 19 L poly carboy 44.00

2610NX (31690-206) 54 L (140 lb.) poly drum 75.00  
9 x 54 L poly drum 60.00

**HYDROCHLORIC ACID, TECHNICAL, 20° Be**

HCl FW 36.46 (1 L = 1.15 kg)  
DOT: Corrosive Material UN 1789  
CAS #7647-01-0 RTECS MW 4025000  
Storage Code: White

<b>2615GD (55060-070)</b>	3.8 L (10 lb.) poly bottle	\$ 21.00
	4 x 3.8 L poly bottle	18.00
<b>2615QL (55060-295)</b>	19 L poly carboy	47.30
	12 x 19 L poly carboy	42.85
<b>2615NX (55060-206)</b>	54 L (140 lb) drum	50.55
	9 x 54 L (140 lb) drum	45.20
<b>2615RH (55060-320)</b>	191 L (500 lb) drum	124.05
	4 x 191 L (500 lb) drum	101.50
	12 x 191 L (500 lb) drum	95.90

**HYDROCHLORIC ACID, 0.010 NORMAL (N/100)**

Volumetric Solution

<b>8740GA (62900-067)</b>	1 L poly bottle	\$ 10.35
<b>8740GD (62900-070)</b>	3.8 L poly bottle	24.85

**HYDROCHLORIC ACID, 0.020 NORMAL (N/50)**

Volumetric Solution

<b>8743GA (62905-067)</b>	1 L poly bottle	\$ 10.35
<b>8743GD (62905-070)</b>	3.8 L poly bottle	24.85

**HYDROCHLORIC ACID, 0.050 NORMAL (N/20)**

Volumetric Solution

<b>8749GA (62910-067)</b>	1 L poly bottle	\$ 10.35
<b>8749GD (62910-070)</b>	3.8 L poly bottle	24.85

**HYDROCHLORIC ACID, 0.100 NORMAL (N/10)**

Volumetric Solution

<b>8752GA (62915-067)</b>	1 L poly bottle	\$ 11.35
<b>8752GD (62915-070)</b>	3.8 L poly bottle	24.85
<b>8752QH (62915-292)</b>	20 L Hedwin cube	50.75

**HYDROCHLORIC ACID, 0.1142 NORMAL**

Volumetric Solution

<b>8755GA (62920-067)</b>	1 L poly bottle	\$ 17.50
<b>8755GD (62920-070)</b>	3.8 L poly bottle	44.85
<b>8755QH (62920-292)</b>	20 L Hedwin cube	90.75

**HYDROCHLORIC ACID, 0.20 NORMAL**

<b>8758GA (62922-067)</b>	1 L poly bottle	\$ 10.35
<b>8758GD (62922-070)</b>	3.8 L poly bottle	24.85
<b>8758QH (62922-292)</b>	20 L Hedwin cube	50.75

**HYDROCHLORIC ACID, 0.500 NORMAL**

<b>8770GA (62925-067)</b>	1 L poly bottle	\$ 12.35
<b>8770GD (62925-070)</b>	3.8 L poly bottle	24.85
<b>8770QH (62925-292)</b>	20 L Hedwin cube	50.75

**HYDROCHLORIC ACID, 1.00 NORMAL**

<b>8776GA (62930-067)</b>	1 L poly bottle	\$ 12.35
<b>8776GD (62930-070)</b>	3.8 L poly bottle	24.85
<b>8776QH (62930-292)</b>	20 L Hedwin cube	50.75

**HYDROCHLORIC ACID, 6.00 NORMAL**

<b>8812GA (62935-067)</b>	1 L poly bottle	\$ 13.45
<b>8812GD (62935-070)</b>	3.8 L poly bottle	27.95

**HYDROCHLORIC ACID SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**HYDROFLUORIC ACID, 48%, ACS**

HF	FW 20.01	(1 L = 1.17 kg)
DOT: Corrosive Material		UN 1790
CAS #7664-39-3		RTECS MW 7875000
Storage Code: White		

**Specifications**

Assay (HF) .....	48.0 - 51.0%
	Maximum Limits of Impurities
Arsenic (As) .....	0.05 ppm
Chloride (Cl) .....	5 ppm
Copper (Cu) .....	0.1 ppm
Fluosilicic Acid (H <sub>2</sub> SiF <sub>6</sub> ) .....	0.01%
Heavy Metals (as Pb) .....	0.5 ppm
Iron (Fe) .....	1 ppm
Phosphate (PO <sub>4</sub> ) .....	1 ppm
Residue After Ignition .....	5 ppm
Sulfate and Sulfite (as SO <sub>4</sub> ) .....	5 ppm

<b>2630CF (13040-028)</b>	473 ml poly bottle	\$ 31.85
	6 x 473 ml poly bottle	27.70
<b>2630GD (13040-070)</b>	3.8 L poly bottle	129.40
	4 x 3.8 L poly bottle	97.95
<b>2630QL (13040-295)</b>	19 L poly carboy	264.55
<b>2630RN (13040-325)</b>	196 L (500 lb) drum	976.15
	4 x 196 L (500 lb) drum	893.40

**HYDROFLUORIC ACID, 52%, TECHNICAL**

HF	FW 20.01	(1 L = 1.18 kg)
DOT: Corrosive Material		UN 1790
CAS #7664-39-3		RTECS MW 7875000
Storage Code: White		

<b>2635CF (55910-028)</b>	473 ml poly bottle	\$ 26.80
	6 x 473 ml poly bottle	24.70
<b>2635GD (55910-070)</b>	3.8 L poly bottle	97.70
	4 x 4 L poly bottle	76.25
<b>2635QL (55910-295)</b>	19 L poly carboy	183.75

**HYDROFLUORIC ACID, 70%, TECHNICAL**

HF	FW 20.01	(1 L = 1.18 kg)
DOT: Corrosive Material		UN 1790
CAS #7664-39-3		RTECS MW 7875000
Storage Code: White		
<b>2640GD (55930-070)</b>	3.8 L poly bottle	\$ 97.10
	4 x 4 L poly bottle	89.00

**HYDROGEN PEROXIDE, 3%, REAGENT**

H <sub>2</sub> O <sub>2</sub>	FW 34.01	(1 L = 1.01 kg)
CAS #7722-84-1		RTECS MX0900000
Storage Code: Green		

**Specifications**

Assay (H <sub>2</sub> O <sub>2</sub> )	Min. 3.0%
	Maximum Limits of Impurities
Arsenic (As)	0.00005%
Barium (Ba)	To Pass Test
Chloride (Cl)	0.001%
Free Acid (as H <sub>2</sub> SO <sub>4</sub> )	0.01%
Heavy Metals (as Pb)	0.0005%
Iron (Fe)	0.0005%
Nitrogen Compounds (as N)	0.005%
Phosphate (PO <sub>4</sub> )	0.003%
Residue After Evaporation	0.02%
Sulfate (SO <sub>4</sub> )	0.01%

<b>2650CF (13060-028)</b>	473 ml poly bottle	\$ 15.75
	6 x 473 ml poly bottle	11.90
<b>2650GD (13060-070)</b>	3.8 L poly bottle	56.10
	4 x 3.8 L poly bottle	46.15

**HYDROGEN PEROXIDE, 3%, USP**

H <sub>2</sub> O <sub>2</sub>	FW 34.01	(1 L = 1.01 kg)
CAS #7722-84-1		RTECS MX0900000
Storage Code: Green		

<b>2660CF (22420-028)</b>	473 ml poly bottle	\$ 6.80
	12 x 473 ml poly bottle	4.55
<b>2660GD (22420-070)</b>	3.8 L poly bottle	22.60
	4 x 3.8 L poly bottle	18.10

**HYDROGEN PEROXIDE, 30%, ACS**

H <sub>2</sub> O <sub>2</sub>	FW 34.01	(1 L = 1.1 kg)
DOT: Oxidizer		UN 2014
CAS #7722-84-1		RTECS MX0900000
Storage Code: Yellow		

**Specifications**

Assay (H <sub>2</sub> O <sub>2</sub> )	29.0 - 32.0%
	Maximum Limits of Impurities
Ammonium (NH <sub>4</sub> )	5 ppm
Chloride (Cl)	3 ppm
Color	APHA 10
Heavy Metals (as Pb)	1 ppm
Iron (Fe)	0.5 ppm
Nitrate (NO <sub>3</sub> )	2 ppm
Phosphate (PO <sub>4</sub> )	2 ppm
Residue After Evaporation	0.002%
Sulfate (SO <sub>4</sub> )	5 ppm
Titrateable Acid	0.0006 meq/g

<b>2665CF (13070-028)</b>	473 ml poly bottle	\$ 33.95
	6 x 473 ml poly bottle	29.70
<b>2665GD (13070-070)</b>	3.8 L poly bottle	142.80
	4 x 3.8 L poly bottle	118.45
<b>2665QL (13070-295)</b>	19 L poly carboy	295.35
<b>2665RN (13070-325)</b>	196 L (475 lb) drum	652.35



**HYDROGEN PEROXIDE, 35%, FCC**

H<sub>2</sub>O<sub>2</sub> FW 34.01 (1 L = 1.13 kg)  
 DOT: Oxidizer UN 2014  
 CAS #7722-84-1 RTECS MX0900000  
 Storage Code: Yellow

**2680GD (32430-070)** 3.8 L poly bottle \$ 69.55  
 4 x 3.8 L poly bottle 54.55  
**2680QL (32430-295)** 19 L poly carboy 221.80

**HYDROGEN PEROXIDE, 35%, TECHNICAL**

H<sub>2</sub>O<sub>2</sub> FW 34.01 (1 L = 1.13 kg)  
 DOT: Oxidizer UN 2014  
 CAS #7722-84-1 RTECS MX0900000  
 Storage Code: Yellow

**2685GD (56100-070)** 3.8 L poly bottle \$ 51.80  
 4 x 3.8 L poly bottle 39.15  
**2685QL (56100-295)** 19 L poly carboy 163.80

**HYDROGEN PEROXIDE, 50%, TECHNICAL**

H<sub>2</sub>O<sub>2</sub> FW 34.01 (1 L = 1.196 kg)  
 DOT: Oxidizer UN 2014  
 CAS #7722-84-1 RTECS MX0900000  
 Storage Code: Yellow

**2700CF (56110-028)** 473 ml poly bottle \$ 44.65  
 6 x 473 ml poly bottle 41.85  
**2700GD (56110-070)** 3.8 L poly bottle 166.70  
 4 x 3.8 L poly bottle 127.10  
**2700QL (56110-295)** 19 L poly carboy 293.00

**HYDROQUINONE, PURIFIED, CRYSTAL**

C<sub>6</sub>H<sub>4</sub>(OH)<sub>2</sub> FW 110.11  
 DOT: Poison, Keep Away From Foods UN 2662  
 CAS #123-31-9 RTECS MX3500000  
 Storage Code: Green

**2715AL (56550-010)** 500 g poly bottle \$ 22.60  
 4 x 500 g poly bottle 18.10  
**2715NG (56550-200)** 2.5 kg carton 67.70

**HYDROXYLAMINE HYDROCHLORIDE, ACS, CRYSTAL**

NH<sub>2</sub>OH·HCl FW 69.49  
 DOT: Corrosive Material UN 1759  
 CAS #5470-11-1 RTECS NC3675000  
 Storage Code: Red

**Specifications**

Assay ..... Min. 96.0%  
 Maximum Limits of Impurities  
 Ammonium (NH<sub>4</sub>) ..... 0.1%  
 Clarity of Alcohol Solution ..... To Pass Test  
 Heavy Metals (as Pb) ..... 5 ppm  
 Iron (Fe) ..... 5 ppm  
 Residue After Ignition ..... 0.05%  
 Sulfur Compounds (as SO<sub>4</sub>) ..... 0.005%  
 Titratable Free Acid ..... 0.25 meq/g

**2725LB (13093-115)** 125 g poly bottle \$ 28.10  
 6 x 125 g poly bottle 21.65  
**2725AL (13093-010)** 500 g poly bottle 61.10  
 6 x 500 g poly bottle 48.65  
**2725NG (13093-200)** 2.5 kg poly bottle 251.65  
 4 x 2.5 kg poly bottle 214.10

**INDIGO CARMINE**

C<sub>16</sub>H<sub>8</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>8</sub>S<sub>2</sub> FW 466.36  
 CAS #860-22-0 RTECS DU3000000  
 Storage Code: Green

**8830AH (74350-008)** 25 g poly bottle \$ 10.65

**IODINE, ACS, RESUBLIMED, CRYSTAL**

I<sub>2</sub> FW 253.81  
 DOT: Other Regulated Substance (Solid), n.o.s. NA 3077  
 CAS #7553-56-2 RTECS NN1575000  
 Storage Code: White

**Specifications**

Assay (I) ..... Min. 99.8%  
 Maximum Limits of Impurities  
 Chlorine and Bromine (as Cl) ..... 0.005%  
 Nonvolatile Matter ..... 0.01%

**2755JB (13413-092)** 125 g glass bottle \$ 34.35  
 6 x 125 g glass bottle 29.15  
**2755JD (13413-094)** 500 g glass bottle 87.65  
 6 x 500 g glass bottle 78.35  
**2755JF (13413-096)** 2.5 kg glass bottle 298.70  
 4 x 2.5 kg glass bottle 278.40  
**2755PV (13413-250)** 12 kg carton 967.75  
**2755UC (13413-700)** 50 kg (110 lb) drum 2,055.00

**IODINE, USP, RESUBLIMED, CRYSTAL**

I<sub>2</sub> FW 253.81  
 DOT: Other Regulated Substance (Solid), n.o.s. NA 3077  
 CAS #7553-56-2 RTECS NN1575000  
 Storage Code: White

**2775JB (22583-092)** 125 g glass bottle \$ 34.30  
 6 x 125 g glass bottle 29.05  
**2775JD (22583-094)** 500 g glass bottle 87.55  
 6 x 500 g glass bottle 79.25  
**2775JF (22583-096)** 2.5 kg glass bottle 299.60  
 4 x 2.5 kg glass bottle 269.05  
**2775PV (22583-250)** 12 kg carton 985.75  
**2775UC (22583-700)** 50 kg (110 lb) drum 1,892.80

**IODINE-BROMINE SOLUTION (Hanus)**

COMBUSTIBLE  
 Dot: Acetic Acid, Solution, 8, UN2789, PG II

**8842FC (62940-057)** 1 L glass bottle \$ 46.60  
**8842ML (62940-150)** 4 L glass bottle 101.45

**IODINE, LUGOL'S SOLUTION**

**8860AM (62945-011)** 100 ml glass bottle \$ 9.15  
**8860CH (62945-030)** 500 ml glass bottle 16.60  
**8860FC (62945-057)** 1 L glass bottle 22.75  
**8860ML (62945-150)** 4 L glass bottle 77.65

**IODINE-MONOCHLORIDE SOLUTION (Wijs Solution) - for Iodine Number**

<b>8839FC (62947-057)</b>	1 L glass bottle	\$ 20.70
<b>8839ML (62947-150)</b>	4 L glass bottle	77.65

**IODINE, POTASSIUM IODIDE SOLUTION, Starch Test**

<b>8863AM (62950-011)</b>	100 ml glass bottle	\$ 8.30
<b>8863CH (62950-030)</b>	500 ml glass bottle	14.50
<b>8863FC (62950-057)</b>	1 L glass bottle	22.80

**IODINE TINCTURE, STRONG, 7%, USP**

<b>8869AM (62955-011)</b>	100 ml glass bottle	\$ 12.30
<b>8869CH (62955-030)</b>	500 ml glass bottle	26.65
<b>8869ML (62955-150)</b>	4 L glass bottle	119.15

**IODINE 0.010 NORMAL (N/100) SOLUTION, USGS - for Sulfide**

<b>8845CH (62957-030)</b>	500 ml glass bottle	\$ 13.35
<b>8845FC (62957-057)</b>	1 L glass bottle	17.55
<b>8845ML (62957-150)</b>	4 L glass bottle	41.40

**IODINE 0.0282 NORMAL, A.P.H.A. - for Chlorine**

<b>8848FC (62958-057)</b>	1 L glass bottle	\$ 15.55
<b>8848ML (62958-150)</b>	4 L glass bottle	43.50

**IODINE 0.10 NORMAL (N/10) SOLUTION**

<b>8851CH (62960-030)</b>	500 ml glass bottle	\$ 12.45
<b>8851FC (62960-057)</b>	1 L glass bottle	21.75
<b>8851ML (62960-150)</b>	4 L glass bottle	49.05

**IODINE 1.000 NORMAL SOLUTION**

<b>8854CH (62963-030)</b>	500 ml glass bottle	\$ 21.75
<b>8854FC (62963-057)</b>	1 L glass bottle	40.40
<b>8854ML (62963-150)</b>	4 L glass bottle	157.90

**IODOMETHANE (METHYL IODIDE), REAGENT**

CH <sub>3</sub> I	FW 141.95	(1 L = 2.28 kg)
DOT: Poison		UN 2644
CAS #74-88-4		RTECS PA9450000
Storage Code: Blue		

**Specifications**

Boiling Range .....	41 - 43°C
	Maximum Limits of Impurities
Nonvolatile Matter .....	0.01%
Reaction .....	Neutral

<b>2780BL (01315-022)</b>	50 ml glass bottle	\$ 31.55
<b>2780CH (01315-030)</b>	500 ml glass bottle	180.45
	6 x 500 ml glass bottle	146.60

**IRON METAL, COARSE FILINGS, 18-40 MESH**

Fe		AW 55.85
CAS #7439-89-6		
Storage Code: Green		
<b>2795AL (55354-010)</b>	500 g poly bottle	\$ 16.90
<b>2795NG (55354-200)</b>	2.5 kg poly bottle	56.25

**IRON METAL, FILINGS, 40 MESH**

Fe		AW 55.85
CAS #7439-89-6		
Storage Code: Green		
<b>2800AL (55355-010)</b>	500 g poly bottle	\$ 17.25
	6 x 500 g poly bottle	15.15
<b>2800NG (55355-200)</b>	2.5 kg poly bottle	48.30
	4 x 2.5 kg poly bottle	39.85
<b>2800PV (55355-250)</b>	12 kg carton	182.25

**IRON METAL, POWDER, REDUCED**

Fe		AW 55.85
CAS #7439-89-6		
Storage Code: Red		
<b>2820AL (33941-010)</b>	500 g poly bottle	\$ 29.70
	6 x 500 g poly bottle	25.80
<b>2820NG (33941-200)</b>	2.5 kg poly bottle	89.45
	4 x 2.5 kg poly bottle	75.45

**IRON METAL, POWDER, 100 MESH**

Fe		AW 55.85
CAS #7439-89-6		
Storage Code: Red		
<b>2815AL (55351-010)</b>	500 g poly bottle	\$ 23.55
	6 x 500 g poly bottle	18.25
<b>2815NG (55351-200)</b>	2.5 kg poly bottle	73.00
	4 x 2.5 kg poly bottle	59.65
<b>2815PV (55351-250)</b>	12 kg carton	193.50

**ISOAMYL ALCOHOL, REAGENT (ISOPENTYL ALCOHOL)**

(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> CH <sub>2</sub> OH	FW 88.15
DOT: Flammable Liquid	UN 1105
CAS #123-51-3	
Storage Code: Red	

**Specifications**

Assay .....	Min. 98%
<b>2840CH (13215-030)</b>	\$ 29.00
	24.85
<b>2840ML (13215-150)</b>	93.15
	82.80

**ISOBUTYL ALCOHOL, ACS**

(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> OH	FW 74.12	(1 L = 0.806 kg)
DOT: Flammable Liquid		UN 1212
CAS #78-83-1		RTECS NP9625000
Storage Code: Red		

	<b>Specifications</b>	
Assay .....	Min. 99.0%	
	Maximum Limits of Impurities	
Color .....	APHA 10	
Residue After Evaporation .....	0.001%	
Solubility in Water .....	To Pass Test	
Titrateable Acid .....	0.0005 meq/g	
Water .....	0.1%	

<b>2825CH (13463-030)</b>	500 ml glass bottle	\$ 15.55
	6 x 500 ml glass bottle	10.85
<b>2825ML (13463-150)</b>	4 L glass bottle	62.10
	4 x 4 L glass bottle	43.50
<b>2825QC (13463-280)</b>	20 L steel drum	135.20

**ISOPROPYL ALCOHOL, HPLC/SPECTRO, (2-PROPANOL)**

Packaged under Nitrogen. Submicron filtered.

CH <sub>3</sub> CHOHCH <sub>3</sub>	FW 60.10	(1 L = 0.786 kg)
DOT: Flammable Liquid		UN 1219
CAS #67-63-0		RTECS NT8050000
Storage Code: Red		

	<b>Specifications</b>	
Assay .....	Min. 99.8%	
	Maximum Limits of Impurities	
Color .....	APHA 10	
Residue After Evaporation .....	5 ppm	
Solubility in Water .....	To Pass Test	
Titrateable Acid or Base .....	0.0001 meq/g	
Water .....	0.05%	

<b>2853FC</b>	1 L glass bottle	\$ 29.95
	6 x 1 L glass bottle	25.00
<b>2853ML</b>	4 L glass bottle	68.00
	4 x 4 L glass bottle	64.00

**ISOPROPYL ALCOHOL, ACS, (2-PROPANOL)**

CH <sub>3</sub> CHOHCH <sub>3</sub>	FW 60.10	(1 L = 0.786 kg)
DOT: Flammable Liquid		UN 1219
CAS #67-63-0		RTECS NT8050000
Storage Code: Red		

	<b>Specifications</b>	
Assay .....	Min. 99.5%	
	Maximum Limits of Impurities	
Color .....	APHA 10	
Residue After Evaporation .....	0.001%	
Solubility in Water .....	To Pass Test	
Titrateable Acid or Base .....	0.0001 meq/g	
Water .....	0.2%	

<b>2850CH (13230-030)</b>	500 ml glass bottle	\$ 12.75
	6 x 500 ml glass bottle	9.15
<b>2850HB (13230-080)</b>	4 L poly bottle	31.00
	4 x 4 L poly bottle	27.00
<b>2850ML (13230-150)</b>	4 L glass bottle	36.00
	4 x 4 L glass bottle	28.00
<b>2850QC (13230-280)</b>	20 L steel can	115.00
<b>2850RZ (13230-336)</b>	207 L (355 lb) drum	429.00
	4 x 207 L (355 lb) drum	395.00
	68 x 207 L (355 lb) drum	365.00

**ISOPROPYL ALCOHOL, USP**

CH<sub>3</sub>CHOHCH<sub>3</sub> FW 60.10 (1 L = 0.786 kg)  
 DOT: Flammable Liquid UN 1219  
 CAS #67-63-0 RTECS NT8050000  
 Storage Code: Red

<b>2870HB (43670-080)</b>	4 L poly bottle	\$ 38.00
	4 x 4 L poly bottle	32.00
<b>2870QC (43670-280)</b>	20 L steel drum	119.00
<b>2870RZ (43670-336)</b>	207 L (355 lb) drum	359.00
	4 x 207 L (355 lb) drum	336.50

**ISOPROPYL ALCOHOL, 99%, PURIFIED**

(Suitable for Histological Use)

CH<sub>3</sub>CHOHCH<sub>3</sub> FW 60.10 (1 L = 0.786 kg)  
 DOT: Flammable Liquid UN 1219  
 CAS #67-63-0 RTECS NT8050000  
 Storage Code: Red

<b>2845HB (55460-080)</b>	4 L poly bottle	\$ 36.95
	4 x 4 L poly bottle	28.70
<b>2845ML (55460-150)</b>	4 L glass bottle	39.00
	4 x 4 L glass bottle	29.80
<b>2845QC (55460-280)</b>	20 L steel drum	122.45
<b>2845RZ (55460-336)</b>	207 L (355 lb) drum	295.00

**ISOPROPYL ALCOHOL, 70%, USP**

CH<sub>3</sub>CHOHCH<sub>3</sub> FW 60.10  
 DOT: Flammable Liquid UN 1219  
 CAS #67-63-0 RTECS NT8050000  
 Storage Code: Red

<b>2875GD (22750-070)</b>	3.8 L poly bottle	\$ 25.30
	4 x 3.8 L poly bottle	22.10
<b>2875QC (22750-280)</b>	20 L steel drum	78.70

**JANUS GREEN B, Staining Solution**

<b>8890KK (62965-111)</b>	100 ml poly bottle	\$ 9.30
<b>8890CM (62965-033)</b>	500 ml poly bottle	18.65

**LACTIC ACID, 85%, ACS**

CH<sub>3</sub>CHOHCOOH FW 90.08 (1 L = 1.20 kg)  
 DOT: Corrosive Material UN 1760  
 CAS #50-21-5 RTECS OD2800000  
 Storage Code: White

**Specifications**

Assay (C <sub>3</sub> H <sub>6</sub> O <sub>3</sub> ) .....	85.0 - 90.0%
Substances Darkened by Sulfuric Acid .....	To Pass Test
	Maximum Limits of Impurities
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Iron (Fe) .....	5 ppm
Residue After Ignition .....	0.02%
Sulfate (SO <sub>4</sub> ) .....	0.002%

<b>2905CM (13250-033)</b>	500 ml poly bottle	\$ 30.45
	6 x 500 ml poly bottle	24.80
<b>2905GD (13250-070)</b>	3.8 L poly bottle	126.45
	4 x 3.8 L poly bottle	101.15

**LACTIC ACID, 85%, USP/FCC**

C<sub>3</sub>H<sub>6</sub>O<sub>3</sub> FW 90.08 (1 L = 1.21 kg)  
 DOT: Corrosive Material UN 1760  
 CAS #50-21-5 RTECS OD2800000  
 Storage Code: White

<b>2910CF (22780-028)</b>	473 ml poly bottle	\$ 27.30
	6 x 473 ml poly bottle	22.10
<b>2910GD (22780-070)</b>	3.8 L poly bottle	104.55
	4 x 3.8 L poly bottle	87.80
<b>2910QF (22780-290)</b>	19 L Ventflo carboy	322.80
<b>2910NZ (22780-208)</b>	56 L poly drum	465.55

**LANTHANUM CHLORIDE, ACS, CRYSTAL**

LaCl<sub>3</sub>·7H<sub>2</sub>O FW 371.38  
 CAS #10025-84-0  
 Storage Code: Green

**Specifications**

Assay (LaCl <sub>3</sub> ) .....	64.5 - 70.0%
	Maximum Limits of Impurities
Calcium .....	0.001%
Insoluble Matter .....	0.01%
Magnesium .....	1 ppm

<b>2940AH (13255-008)</b>	25 g poly bottle	\$ 20.70
<b>2940LA (13255-114)</b>	100 g poly bottle	56.95

**LANTHANUM NITRATE, REAGENT**

La(NO<sub>3</sub>)<sub>3</sub>·6H<sub>2</sub>O FW 433.03  
 DOT: Oxidizer UN 1477  
 CAS #10277-43-7 RTECS OE5250000  
 Storage Code: Yellow

**Specifications**

Suitability for Flame Enhancement in Atomic Absorption .....	To Pass Test
	Maximum Limits of Impurities
Calcium .....	0.001%
Insoluble Matter .....	0.01%
Magnesium .....	0.0001%

<b>2945LA (13270-114)</b>	100 g poly bottle	\$ 37.30
<b>2945AL (13270-010)</b>	500 g poly bottle	171.95

**LANTHANUM OXIDE, 99.99%**

(Suitable for flame enhancement in Atomic Absorption)  
 La<sub>2</sub>O<sub>3</sub> FW 325.82  
 CAS #1312-81-8  
 Storage Code: Green

<b>2950AH (13260-008)</b>	25 g poly bottle	\$ 20.30
<b>2950LA (13260-114)</b>	100 g poly bottle	50.05
<b>2950LJ (13260-122)</b>	250 g poly bottle	118.90

**LEAD, METAL, ACS, GRANULAR**

Pb AW 207.19  
 CAS #7439-92-1 RTECS OF7525000  
 Storage Code: Blue

**Specifications**

Assay ..... Min. 99.5%  
 Maximum Limits of Impurities  
 Antimony and Tin (as Sn) ..... 0.005%  
 Arsenic (As) ..... 1 ppm  
 Bismuth (Bi) ..... 5 ppm  
 Copper (Cu) ..... 3 ppm  
 Iron (Fe) ..... 0.001%  
 Nickel (Ni) ..... 0.001%  
 Silver (Ag) ..... 2 ppm

**3005AL (13292-010)** 500 g poly bottle \$ 40.40  
 6 x 500 g poly bottle 34.20  
**3005NG (13292-200)** 2.5 kg poly bottle 155.25  
 4 x 2.5 kg poly bottle 150.10

**LEAD METAL, SHEET, 1/16" THICK**

Pb AW 207.19  
 CAS #7439-92-1 RTECS OF7525000  
 Storage Code: Blue

**3020AL (56320-010)** 500 g poly bottle \$ 22.25

**LEAD METAL, SHOT, No. 6**

Pb AW 207.19  
 CAS #7439-92-1 RTECS OF7525000  
 Storage Code: Blue

**3000AL (56312-010)** 500 g poly bottle \$ 18.05

**LEAD ACETATE, TRIHYDRATE, ACS**

Pb(C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>)<sub>2</sub>·3H<sub>2</sub>O FW 379.33  
 DOT: Poison, Keep Away From Foods UN 1616  
 CAS #6080-56-4 RTECS OF8050000  
 Storage Code: Blue

**Specifications**

Assay ..... 99.0 - 103.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 5 ppm  
 Copper (Cu) ..... 0.002%  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.001%  
 Nitrate and Nitrite (as NO<sub>3</sub>) ..... 0.005%  
 Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) ..... 0.05%

**2970AL (13383-010)** 500 g poly bottle \$ 30.45  
 6 x 500 g poly bottle 24.80  
**2970NG (13383-200)** 2.5 kg poly bottle 121.80  
 4 x 2.5 kg poly bottle 95.85  
**2970PV (13383-250)** 12 kg carton 428.60

**LEAD CARBONATE, ACS, POWDER**

PbCO<sub>3</sub> FW 267.20  
 CAS #598-63-0 RTECS OF9275000  
 Storage Code: Blue

**Specifications**

Maximum Limits of Impurities  
 Cadmium (Cd) ..... 0.002%  
 Chloride (Cl) ..... 0.002%  
 Insoluble in Dilute Acetic Acid ..... 0.02%  
 Iron (Fe) ..... 0.005%  
 Nitrate and Nitrite (as NO<sub>3</sub>) ..... To Pass Test  
 (approx. 0.005%)  
 Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) ..... 0.2%



Zinc (Zn) .....		0.003%
<b>2975LB (13387-115)</b>	125 g poly bottle	\$ 50.75
	6 x 125 g poly bottle	42.85
<b>2975AL (13387-010)</b>	500 g poly bottle	84.50
	6 x 500 g poly bottle	70.00

**LEAD CHLORIDE, REAGENT, POWDER**

PbCl<sub>2</sub> UN 2291  
CAS #7758-95-4 RTECS OF9450000  
Storage Code: Blue

	<b>Specifications</b>
Assay .....	Min. 99.0%
	<b>Maximum Limits of Impurities</b>
Copper (Cu) .....	0.005%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.003%
Nitrate (NO <sub>3</sub> ) .....	0.002%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>2985AL (13393-010)</b>	500 g poly bottle	\$ 54.10
	6 x 500 g poly bottle	47.40
<b>2985NG (13393-200)</b>	2.5 kg poly bottle	242.15
	4 x 2.5 kg poly bottle	198.15
<b>2985PV (13393-250)</b>	12 kg carton	1148.20

**LEAD NITRATE, ACS, CRYSTAL**

Pb(NO<sub>3</sub>)<sub>2</sub> FW 331.20  
DOT: Oxidizer UN 1469  
CAS #10099-74-8 RTECS OG2100000  
Storage Code: Yellow

	<b>Specifications</b>
Assay .....	Min. 99.0%
	<b>Maximum Limits of Impurities</b>
Chloride (Cl) .....	0.001%
Copper (Cu) .....	0.002%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) .....	0.1%

<b>3035AL (13403-010)</b>	500 g poly bottle	\$ 30.45
	6 x 500 g poly bottle	27.05
<b>3035NG (13403-200)</b>	2.5 kg poly bottle	142.45
	4 x 2.5 kg poly bottle	112.85
<b>3035PV (13403-250)</b>	12 kg carton	406.00
	4 x 12 kg carton	365.45
<b>3035UC (13403-700)</b>	50 kg (110 lb) drum	699.25

**LEAD NITRATE, TECHNICAL, CRYSTAL**

Pb(NO<sub>3</sub>)<sub>2</sub> FW 331.20  
DOT: Oxidizer UN 1469  
CAS #10099-74-8 RTECS OG2100000  
Storage Code: Yellow

<b>3045AL (56333-010)</b>	500 g poly bottle	\$ 22.00
	6 x 500 g poly bottle	17.50
<b>3045NG (56333-200)</b>	2.5 kg poly bottle	94.05
	4 x 2.5 kg poly bottle	76.70
<b>3045PV (56333-250)</b>	12 kg carton	163.15
	4 x 12 kg carton	133.45
<b>3045UC (56333-700)</b>	50 kg (110 lb) drum	609.45

**LEAD OXIDE, RED, TECHNICAL**

Pb3O4 FW 685.57  
 DOT: Poison, Keep Away From Foods UN 2291  
 CAS #1314-41-6 RTECS OG5425000  
 Storage Code: Blue

<b>3055AL (55661-010)</b>	500 g poly bottle	\$ 22.80
	6 x 500 g poly bottle	18.65
<b>3055NG (55661-200)</b>	2.5 kg poly bottle	65.45
	4 x 2.5 kg poly bottle	50.75

**LEAD SUBACETATE, ACS, POWDER**

(Suitable for Sugar Analysis)  
 Pb(C2H3O2)2! 2Pb(OH)2 FW 807.75  
 DOT: Poison, Keep Away From Foods UN 2291  
 CAS #1335-32-6 RTECS OF8750000  
 Storage Code: Blue

**Specifications**

Basic Lead (PbO) .....	Min. 33.0%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.003%
Copper (Cu) .....	0.002%
Insoluble in Dilute Acetic Acid .....	0.02%
Insoluble in Water .....	1.0%
Iron (Fe) .....	0.002%
Loss on Drying at 105°C .....	1.5%
Nitrate and Nitrite (as NO3) .....	To Pass Test
	(approx. 0.003%)
Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) .....	0.3%

<b>3065AL (13414-010)</b>	500 g poly bottle	\$ 30.05
<b>3065NG (13414-200)</b>	2.5 kg poly bottle	115.95
<b>3065PV (13414-250)</b>	12 kg carton	479.35

**LITHIUM CARBONATE, ACS, POWDER**

Li2CO3 FW 73.89  
 CAS #554-13-2  
 Storage Code: Green

**Specifications**

Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Ammonium (NH4) .....	5 ppm
Calcium .....	0.01%
Chloride .....	0.005%
Heavy Metals (as Pb) .....	0.002%
Insoluble in Dilute Hydrochloric Acid .....	0.01%
Iron .....	0.002%
Nitrate .....	5 ppm
Potassium .....	0.01%
Sodium .....	0.1%
Sulfur Compounds (as SO4) .....	0.2%

<b>3085LB (13421-115)</b>	125 g poly bottle	\$ 15.20
<b>3085AL (13421-010)</b>	500 g poly bottle	50.75

**LITHIUM CHLORIDE, ACS, GRANULAR**

LiCl FW 42.39  
 CAS #7447-41-8 RTECS OJ5950000  
 Storage Code: Green

**Specifications**

Assay (LiCl) .....	Min. 99%
	Maximum Limits of Impurities
Barium (Ba) .....	0.003%
Calcium (Ca) .....	0.01%
Heavy Metals (as Pb) .....	0.002%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Loss on Drying at 105°C .....	1.0%
Nitrate (NO3) .....	0.001%
Potassium (K) .....	0.01%
Sodium (Na) .....	0.20%

Sulfate (SO4) ..... 0.01%  
 Titratable Base ..... 0.008 meq/g

<b>3095AL (13432-010)</b>	500 g poly bottle	\$ 51.95
	6 x 500 g poly bottle	42.20
<b>3095NG (13432-200)</b>	2.5 kg poly bottle	197.60
	4 x 2.5 kg poly bottle	161.70
<b>3095PV (13432-250)</b>	12 kg carton	934.35
<b>3095UA (13432-600)</b>	45.4 kg (100 lb) drum	1462.85

**LITHIUM NITRATE, REAGENT, GRANULAR**

LiNO<sub>3</sub> ..... FW 68.95  
 DOT: Oxidizer ..... UN 2722  
 CAS #7790-69-4 ..... RTECS QU9200000  
 Storage Code: Yellow

**Specifications**

Assay ..... Min. 99.0%  
 Maximum Limits of Impurities  
 Alkalinity ..... 0.05%  
 Chloride (Cl) ..... 0.01%  
 Insoluble Matter ..... 0.01%  
 Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... 0.05%  
 Water ..... 1.0%

<b>3120AL (13455-010)</b>	500 g poly bottle	\$ 38.30
	6 x 500 g poly bottle	36.15
<b>3120NG (13455-200)</b>	2.5 kg poly bottle	192.55
	4 x 2.5 kg poly bottle	157.55
<b>3120PV (13455-250)</b>	12 kg carton	611.00
<b>3120UA (13455-600)</b>	45.4 kg (100 lb) drum	1060.10

**LITHIUM SULFATE, ACS, CRYSTAL**

Li<sub>2</sub>SO<sub>4</sub>·H<sub>2</sub>O ..... FW 127.95  
 CAS #10102-25-7 ..... RTECS OJ6419000  
 Storage Code: Green

**Specifications**

Assay (dried basis) ..... Min. 99.0%  
 Loss on Drying at 150°C ..... 13.0 - 15.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.002%  
 Heavy Metals (as Pb) ..... 0.001%  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.001%  
 Nitrate (NO<sub>3</sub>) ..... 0.001%  
 Potassium (K) ..... 0.05%  
 Sodium (Na) ..... 0.05%

<b>3125LB (13510-115)</b>	125 g poly bottle	\$ 21.00
<b>3125AL (13510-010)</b>	500 g poly bottle	82.50
	6 x 500 g poly bottle	78.50
<b>3125NG (13510-200)</b>	2.5 kg poly bottle	410.00
	4 x 2.5 kg poly bottle	395.00

**LUMINOL (3-AMINOPHTHALHYDRAZIDE)**

Forms metal chelates which chemiluminesce in the presence of Hydrogen Peroxide

C<sub>8</sub>H<sub>7</sub>N<sub>3</sub>O<sub>2</sub> ..... FW 177.16  
 CAS #521-31-3

<b>3140AF (55670-006)</b>	5 g poly bottle	\$ 33.10
<b>3140AH (55670-008)</b>	25 g poly bottle	152.10

**LYCOPODIUM, POWDER**

(Club Moss Spores)

DOT: Flammable Solid, n.o.s. UN 1325

Storage Code: Red

<b>3145LB (55771-115)</b>	125 g poly bottle	\$ 22.50
<b>3145AL (55771-010)</b>	500 g poly bottle	75.00

**MAGNESIUM, POWDER (80 - 100 MESH), PURIFIED**

Mg AW 24.30

DOT: Dangerous When Wet, Spontaneously Combustible UN 1418

CAS #7439-95-4 RTECS OM2100000

Storage Code: Red

<b>3235LB (53531-115)</b>	125 g poly bottle	\$ 22.60
	6 x 125 g poly bottle	16.90
<b>3235AL (53531-010)</b>	500 g poly bottle	62.05
	6 x 500 g poly bottle	58.65
<b>3235NG (53531-200)</b>	2.5 kg poly bottle	201.85
<b>3235PV (53531-250)</b>	12 kg steel drum	648.95

**MAGNESIUM, RIBBON**

Mg AW 24.30

DOT: Flammable Solid UN 1869

CAS #7439-95-4 RTECS OM2100000

Storage Code: Red

<b>3245KM (53537-113)</b>	25 g roll	\$ 30.30
	16 x 25 g roll	26.00

**MAGNESIUM ACETATE, ACS, CRYSTAL**Mg(CH<sub>3</sub>COO)<sub>2</sub> · 4H<sub>2</sub>O FW 214.45

CAS #16674-78-5 RTECS AI5600000

Storage Code: Green

**Specifications**

Assay .....	98.0 - 102.0%
	Maximum Limits of Impurities
Barium (Ba) .....	0.001%
Calcium (Ca) .....	0.01%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Manganese (Mn) .....	0.001%
Nitrogen Compounds (as N) .....	0.001%
Potassium (K) .....	0.005%
Sodium (Na) .....	0.005%
Strontium (Sr) .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>3160AL (13515-010)</b>	500 g poly bottle	\$ 40.60
	6 x 500 g poly bottle	33.85
<b>3160NG (13515-200)</b>	2.5 kg poly bottle	111.70
<b>3160PV (13515-250)</b>	12 kg carton	301.65

**MAGNESIUM CARBONATE, USP, LIGHT POWDER**

(MgO approximately 42%)

CAS #39409-82-0

Storage Code: Green

<b>3170AL (43891-010)</b>	500 g poly bottle	\$ 30.30
<b>3170PB (43891-210)</b>	2.5 kg carton	51.95

**MAGNESIUM CHLORIDE, ACS, CRYSTAL**

MgCl<sub>2</sub> · 6H<sub>2</sub>O  
 CAS #7791-18-6  
 Storage Code: Green

FW 203.30  
 RTECS OM2975000

**Specifications**

Assay .....	99.0 - 102.0%
	Maximum Limits of Impurities
Ammonium (NH <sub>4</sub> ) .....	0.002%
Barium (Ba) .....	0.005%
Calcium (Ca) .....	0.01%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Manganese (Mn) .....	5 ppm
Nitrate (NO <sub>3</sub> ) .....	0.001%
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Potassium (K) .....	0.005%
Sodium (Na) .....	0.005%
Strontium (Sr) .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.002%

<b>3175AL (13583-010)</b>	500 g poly bottle	\$ 26.70
	6 x 500 g poly bottle	21.05
<b>3175NG (13583-200)</b>	2.5 kg poly bottle	85.55
	4 x 2.5 kg poly bottle	67.55
<b>3175PV (13583-250)</b>	12 kg carton	268.10
<b>3175UC (13583-700)</b>	50 kg (110 lb) drum	482.40

**MAGNESIUM CHLORIDE, TECHNICAL, FLAKE**

MgCl<sub>2</sub> · 6H<sub>2</sub>O  
 CAS #7791-18-6  
 Storage Code: Green

FW 203.30  
 RTECS OM2975000

<b>3180AL (59906-010)</b>	500 g poly bottle	\$ 19.50
<b>3180NG (59906-200)</b>	2.5 kg poly bottle	39.80
<b>3180PV (59906-250)</b>	12 kg carton	151.00

**MAGNESIUM CITRATE, TRIBASIC**

C<sub>6</sub>H<sub>6</sub>MgO · 5H<sub>2</sub>O  
 CAS #144-23-0  
 Storage Code: Green

FW 451.13

<b>3205LB (20696-115)</b>	125 g poly bottle	\$ 20.30
	6 x 125 g poly bottle	13.55
<b>3205AL (20696-010)</b>	500 g poly bottle	50.75
	6 x 500 g poly bottle	42.30
<b>3205NG (20696-200)</b>	2.5 kg poly bottle	219.95
	4 x 2.5 kg poly bottle	180.40

**MAGNESIUM ETHYLENEDIAMINETETRAACETATE, DISODIUM SALT**

(NaO<sub>2</sub>CCH<sub>2</sub>)<sub>2</sub>NC<sub>2</sub>H<sub>4</sub>N(CH<sub>2</sub>CO<sub>2</sub>)<sub>2</sub>Mg  
 CAS #14402-88-1  
 Storage Code: Green

FW 358.52

**Specifications**

	Maximum Limits of Impurities
Insoluble Matter .....	0.005%
Excess EDTA .....	To Pass Test
Excess Mg .....	To Pass Test

<b>3210LB (13587-115)</b>	125 g poly bottle	\$ 45.05
<b>3210AL (13587-010)</b>	500 g poly bottle	183.40

**MAGNESIUM HYDROXIDE, REAGENT, POWDER**

Mg(OH)<sub>2</sub> FW 58.32  
 CAS #1309-42-8 RTECS OM3580000  
 Storage Code: Green

<b>3215AL (13594-010)</b>	500 g poly bottle	\$ 24.80
	6 x 500 g poly bottle	15.80
<b>3215NG (13594-200)</b>	2.5 kg poly bottle	79.00
	4 x 2.5 kg poly bottle	67.70
<b>3215PV (13594-250)</b>	12 kg carton	169.20
	4 x 12 kg carton	152.25
<b>3215UA (13594-600)</b>	45.4 kg (100 lb) drum	244.75
	10 x 45.4 kg drum	208.70

**MAGNESIUM NITRATE, ACS, FLAKES**

Mg(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O FW 256.41  
 DOT: Oxidizer UN1474  
 CAS #13446-18-9 RTECS OM3756000  
 Storage Code: Yellow

**Specifications**

Assay .....	98.0 - 102.0%
pH of a 5% solution at 25°C .....	5.0 - 8.2
	Maximum Limits of Impurities
Ammonium (NH <sub>4</sub> ) .....	0.003%
Barium (Ba) .....	0.005%
Calcium (Ca) .....	0.01%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Manganese (Mn) .....	5 ppm
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Potassium (K) .....	0.005%
Sodium (Na) .....	0.005%
Strontium (Sr) .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>3255AL (13623-010)</b>	500 g poly bottle	\$ 20.30
	6 x 500 g poly bottle	16.90
<b>3255NG (13623-200)</b>	2.5 kg poly bottle	83.45
	4 x 2.5 kg poly bottle	67.80
<b>3255PV (13623-250)</b>	12 kg carton	276.35
<b>3255UC (13623-700)</b>	50 kg (110 lb) drum	439.85

**MAGNESIUM OXIDE, USP, LIGHT, POWDER**

MgO FW 40.30  
 CAS #1309-48-4 RTECS OM3850000  
 Storage Code: Green

<b>3275AL (25604-010)</b>	500 g poly bottle	\$ 16.65
	4 x 500 g poly bottle	14.60
<b>3275NG (25604-200)</b>	2.5 kg poly bottle	58.20

**MAGNESIUM OXIDE, USP, HEAVY, POWDER**

MgO FW 40.30  
 CAS #1309-48-4 RTECS OM3850000  
 Storage Code: Green

<b>3270AL (25605-010)</b>	500 g poly bottle	\$ 16.45
<b>3270NG (25605-200)</b>	2.5 kg poly bottle	40.60
<b>3270TN (25605-500)</b>	22.7 kg (50 lb) drum	186.05
<b>3270TQ (25605-510)</b>	22.7 kg (50 lb) bag	132.00

**MAGNESIUM OXIDE, FCC, HEAVY, POWDER**

MgO FW 40.30  
 CAS #1309-48-4 RTECS OM3850000  
 Storage Code: Green

**3265TQ (48171-510)** 22.7 kg (50 lb) bag \$ 169.00

**MAGNESIUM PERCHLORATE, ANHYDROUS, ACS**

Mg(ClO<sub>4</sub>)<sub>2</sub> FW 223.21  
 DOT: Oxidizer UN1475  
 CAS #10034-81-8 RTECS SC8925000  
 Storage Code: Yellow

**Specifications**

Suitability for Moisture Absorption ..... To Pass Test  
 Maximum Limits of Impurities  
 Titratable Base ..... 0.025 meq/g  
 Titratable Free Acid ..... 0.005 meq/g  
 Loss on Drying at 190°C ..... 8%

**3280AL (13685-010)** 500 g poly bottle \$ 91.35  
 6 x 500 g poly bottle 74.75  
**3280NG (13685-200)** 2.5 kg poly bottle 390.10

**MAGNESIUM SULFATE, ANHYDROUS, REAGENT, POWDER**

MgSO<sub>4</sub> FW 120.37  
 CAS #7487-88-9 RTECS OM4500000  
 Storage Code: Green

**Specifications**

Assay (after ignition) ..... Min. 99.5%  
 Maximum Limits of Impurities  
 Ammonium (NH<sub>4</sub>) ..... 0.004%  
 Arsenic (As) ..... 1 ppm  
 Calcium (Ca) ..... 0.04%  
 Chloride (Cl) ..... 0.001%  
 Heavy Metals (as Pb) ..... 0.001%  
 Iron (Fe) ..... 0.001%  
 Loss on Ignition ..... 2.0%  
 Manganese (Mn) ..... 0.001%  
 Nitrate (NO<sub>3</sub>) ..... 0.004%

**3285AL (13751-010)** 500 g poly bottle \$ 38.30  
 6 x 500 g poly bottle 31.60  
**3285NG (13751-200)** 2.5 kg poly bottle 99.15  
 4 x 2.5 kg poly bottle 91.15  
**3285PV (13751-250)** 12 kg carton 335.00  
**3285TS (13751-513)** 25 kg drum 495.00  
**3285UC (13751-700)** 50 kg (110 lb) drum 939.00

**MAGNESIUM SULFATE, HEPTAHYDRATE, ACS, CRYSTAL**

MgSO<sub>4</sub>·7H<sub>2</sub>O  
 CAS #10034-99-8  
 Storage Code: Green

FW 246.48  
 RTECS OM4500000

**Specifications**

Assay ..... 98.0 - 102.0%  
 pH of a 5% solution at 25°C ..... 5.0 - 8.2

**Maximum Limits of Impurities**

Ammonium (NH<sub>4</sub>) ..... 0.002%  
 Arsenic (As) ..... 2 ppm  
 Calcium (Ca) ..... 0.02%  
 Chloride (Cl) ..... 5 ppm  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 5 ppm  
 Manganese (Mn) ..... 5 ppm  
 Nitrate (NO<sub>3</sub>) ..... 0.002%  
 Potassium (K) ..... 0.005%  
 Sodium (Na) ..... 0.005%  
 Strontium (Sr) ..... 0.005%

<b>3290AL (12993-010)</b>	500 g poly bottle	\$ 28.00
	6 x 500 g poly bottle	23.10
<b>3290NG (12993-200)</b>	2.5 kg poly bottle	88.00
	4 x 2.5 kg poly bottle	74.70
<b>3290PV (12993-250)</b>	12 kg carton	285.00
<b>3290UC (12993-700)</b>	50 kg (110 lb) drum	415.00

**MAGNESIUM SULFATE, USP, CRYSTAL (EPSOM SALTS)**

MgSO<sub>4</sub>·7H<sub>2</sub>O  
 CAS #10034-99-8  
 Storage Code: Green

FW 246.48  
 RTECS OM4500000

<b>3300AL (22993-010)</b>	500 g poly bottle	\$ 15.40
<b>3300NG (22993-200)</b>	2.5 kg poly bottle	34.85
<b>3300PV (22993-250)</b>	12 kg carton	130.15
<b>3300TQ (22993-510)</b>	22.7 kg (50 lb) bag	149.50
<b>3300UB (22993-610)</b>	45.4 kg (100 lb) bag	219.00

**MAGNESIUM SULFATE, 2.25% (w/v) Aqueous, A.P.H.A. - for B.O.D.**

<b>8938CM (62975-033)</b>	500 ml poly bottle	\$ 38.05
<b>8938GA (62975-067)</b>	1 L poly bottle	70.75
<b>8938GD (62975-070)</b>	3.8 L poly bottle	107.20

**MALONIC ACID (INQUIRE)****MALTOSE, MONOHYDRATE, CP**

C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>·H<sub>2</sub>O  
 CAS #6363-53-7  
 Storage Code: Green

FW 360.32  
 RTECS OO5250000

<b>3310LB (43991-115)</b>	125 g poly bottle	\$ 20.30
<b>3310AL (43991-010)</b>	500 g poly bottle	50.75
<b>3310NG (43991-200)</b>	2.5 kg poly bottle	199.55
<b>3310PV (43991-250)</b>	12 kg carton	939.30



**MANGANESE CHLORIDE, ACS, CRYSTAL**

MnCl<sub>2</sub> 4H<sub>2</sub>O  
 CAS #13446-34-9  
 Storage Code: Green

FW 197.91  
 RTECS OO9650000

**Specifications**

Assay .....	98.0 - 101.0%
pH of a 5% solution at 25°C .....	3.5 - 6.0
<b>Maximum Limits of Impurities</b>	
Calcium (Ca) .....	0.005%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Magnesium (Mg) .....	0.005%
Potassium (K) .....	0.01%
Sodium (Na) .....	0.05%
Sulfate (SO <sub>4</sub> ) .....	0.005%
Zinc (Zn) .....	0.005%

<b>3315LB (13783-115)</b>	125 g poly bottle	\$ 17.35
<b>3315AL (13783-010)</b>	500 g poly bottle	60.95
	6 x 500 g poly bottle	49.85
<b>3315NG (13783-200)</b>	2.5 kg poly bottle	194.70
	4 x 2.5 kg poly bottle	119.00
<b>3315PV (13783-250)</b>	12 kg carton	507.45
<b>3315UA (13783-600)</b>	45.4 kg (100 lb) drum	768.55

**MANGANESE DIOXIDE, REAGENT, FINE GRANULAR**

MnO<sub>2</sub>  
 CAS #1313-13-9  
 Storage Code: Green

FW 86.94  
 RTECS OP0350000

**Specifications**

Assay .....	Min. 99.0%
<b>Maximum Limits of Impurities</b>	
Aluminum (Al <sub>2</sub> O <sub>3</sub> ) .....	0.01%
Arsenic .....	0.003%
Barium (BaO) .....	0.002%
Iron .....	0.01%
Lead .....	0.001%
Potassium (K <sub>2</sub> O) .....	0.004%
Sodium (Na <sub>2</sub> O) .....	0.004%
Sulfate (SO <sub>4</sub> ) .....	0.04%

<b>3330AL (13791-010)</b>	500 g poly bottle	\$ 65.00
	6 x 500 g poly bottle	55.45
<b>3330NG (13791-200)</b>	2.5 kg poly bottle	198.25
<b>3330PV (13791-250)</b>	12 kg carton	660.00
<b>3330UA (13791-600)</b>	45.4 kg (100 lb) drum	1450.00

**MANGANESE DIOXIDE, TECHNICAL, POWDER**

MnO<sub>2</sub>  
 CAS #1313-13-9  
 Storage Code: Green

FW 86.94  
 RTECS OP0350000

<b>3340AL (56451-010)</b>	500 g poly bottle	\$ 17.20
<b>3340NG (56451-200)</b>	2.5 kg poly bottle	59.85
<b>3340PV (56451-250)</b>	12 kg carton	187.65

**MANGANESE SULFATE, MONOHYDRATE, ACS**

MnSO<sub>4</sub>·H<sub>2</sub>O  
 CAS #10034-96-5  
 Storage Code: Green

FW 169.01  
 RTECS OP1050000

**Specifications**

Assay .....	98.0 - 101.0%
Loss on Ignition .....	10.0 - 12.0%
Substances Reducing Permanganate .....	To Pass Test
	Maximum Limits of Impurities
Calcium (Ca) .....	0.005%
Chloride (Cl) .....	0.005%
Heavy Metals (as Pb) .....	0.002%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.002%
Magnesium (Mg) .....	0.005%
Nickel (Ni) .....	0.02%
Potassium (K) .....	0.01%
Sodium (Na) .....	0.05%
Zinc (Zn) .....	0.005%

<b>3360AL (13801-010)</b>	500 g poly bottle	\$ 29.85
	6 x 500 g poly bottle	24.05
<b>3360NG (13801-200)</b>	2.5 kg poly bottle	111.45
	4 x 2.5 kg poly bottle	99.10
<b>3360PV (13801-250)</b>	12 kg carton	275.55
<b>3360UA (13801-600)</b>	45.4 kg (100 lb) drum	784.15

**MANGANESE SULFATE, MONOHYDRATE, FCC, POWDER**

MnSO<sub>4</sub>·H<sub>2</sub>O  
 CAS #10034-96-5  
 Storage Code: Green

FW 169.01  
 RTECS OP1050000

<b>3355AL (23801-010)</b>	500 g poly bottle	\$ 29.80
<b>3355NG (23801-200)</b>	2.5 kg poly bottle	89.85
<b>3355PV (23801-250)</b>	12 kg carton	269.75
<b>3355UA (23801-600)</b>	45.4 kg (100 lb) drum	730.30

**MANGANOUS SULFATE SOLUTION, A.P.H.A. - for Nitrogen (NH<sub>3</sub>)**

<b>8959CM (62985-033)</b>	500 ml poly bottle	\$ 13.00
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**d-MANNITOL, ACS, POWDER**

C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>  
 CAS #69-65-8  
 Storage Code: Red

FW 182.17  
 RTECS OP2060000

**Specifications**

Assay .....	Min. 99.0%
Reducing Sugars .....	To Pass Test
Specific Rotation 25°/D .....	+23.3° to +24.3°
	Maximum Limits of Impurities
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.01%
Loss on Drying at 105°C .....	0.05%
Residue After Ignition .....	0.01%
Titrateable Acid .....	0.0008 meq/g

<b>3370AL (13820-010)</b>	500 g poly bottle	\$ 49.80
	6 x 500 g poly bottle	37.50
<b>3370PB (13820-210)</b>	2.5 kg carton	145.00
<b>3370PV (13820-250)</b>	12 kg carton	660.00

**MEHLICH 1 CONCENTRATE**

Soils Extractant for P, K, Ca, Mg, Na, Mn, Zn, Cu, Fe  
 (950 ml concentrate dilutes with distilled water to 19 L)

<b>8962FL (62986-065)</b>	950 ml poly bottle	\$ 19.70
	6 x 950 ml poly bottle	16.60
<b>8962QL (62986-295)</b>	19 L poly carboy	195.65

**MEHLICH 3 CONCENTRATE**

Soil Extractant  
 (Kit -8005 dilutes with distilled water to 20 L)  
 (Kit -8000 dilutes with distilled water to 50 L)

<b>8968CD (62988-8005)</b>	1 Kit: 1 x 250 ml Part A	\$ 71.45
8968FE	1 x 1.6 L Part B	
	4 x 1 Kit (4 of each bottle)	67.30
<b>8968DC (62988-8000)</b>	1 Kit: 1 x 625 ml Part A	101.45
8968HB	1 x 4 L Part B	
	4 x 1 Kit (4 of each bottle)	97.30

**MERCAPTOBENZOTHAZOLE, TECHNICAL**

C<sub>7</sub>H<sub>5</sub>NS<sub>2</sub> FW 167.25  
 CAS #149-30-4 RTECS DL6475000

<b>3380PV (56611-250)</b>	12 kg carton	\$ 206.00
	4 x 12 kg carton	168.55

**MERCURIC CHLORIDE, ACS, GRANULAR**

HgCl<sub>2</sub> FW 271.50  
 DOT: Poison UN 1624  
 CAS #7487-94-7 RTECS OV9100000  
 Storage Code: Blue

	<b>Specifications</b>
Assay .....	Min. 99.5%
Solution in Ethyl Ether .....	To Pass Test
	Maximum Limits of Impurities
Iron (Fe) .....	0.002%
Residue After Reduction .....	0.02%

<b>3385LB (13882-115)</b>	125 g bottle	\$ 29.20
	6 x 125 g bottle	24.65
<b>3385AL (13882-010)</b>	500 g bottle	81.15
	6 x 500 g bottle	73.30
<b>3385LL (13882-124)</b>	2.5 kg bottle	326.40
	4 x 2.5 kg bottle	297.75
<b>3385PV (13882-250)</b>	12 kg carton	675.25
<b>3385UC (13882-700)</b>	50 kg (110 lb) drum	2,101.70

**MERCURIC CHLORIDE, PURIFIED, GRANULAR**

HgCl<sub>2</sub> FW 271.50  
 DOT: Poison UN 1624  
 CAS #7487-94-7 RTECS OV9100000  
 Storage Code: Blue

<b>3390AL (56552-010)</b>	500 g poly bottle	\$ 62.05
<b>3390JF (56552-124)</b>	2.5 kg bottle	273.25
<b>3390PV (56552-250)</b>	12 kg carton	517.55
<b>3390UC (56552-700)</b>	50 kg (110 lb) drum	1,956.90

**MERCURIC IODIDE, ACS, RED, POWDER**

HgI<sub>2</sub> FW 454.40  
 DOT: Poison UN 1638  
 CAS #7774-29-0 RTECS OW 5250000  
 Storage Code: Blue

**Specifications**

Assay (dried basis) ..... Min. 99.0%  
 Solubility in Potassium Iodide Solution ..... To Pass Test  
 Maximum Limits of Impurities  
 Mercurous Mercury (as Hg) ..... 0.1%  
 Soluble Mercury Salts (as Hg) ..... 0.05%

<b>3395JB (13891-121)</b>	125 g bottle	\$ 76.25
	6 x 125 g bottle	69.30
<b>3395JD (13891-017)</b>	500 g bottle	225.00
	6 x 500 g bottle	172.55
<b>3395JF (13891-124)</b>	2.5 kg bottle	498.00

**MERCURIC NITRATE, MONOHYDRATE, ACS, CRYSTAL**

Hg(NO<sub>3</sub>)<sub>2</sub>·H<sub>2</sub>O FW 342.62  
 DOT: Poison UN 1625  
 CAS #7783-34-8 RTECS OW 8225000  
 Storage Code: Yellow

**Specifications**

Assay ..... Min. 98%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.002%  
 Iron (Fe) ..... 0.001%  
 Mercurous Mercury (as Hg) ..... 0.2%  
 Residue After Reduction ..... 0.01%  
 Sulfate (SO<sub>4</sub>) ..... 0.002%

<b>3400JA (13903-085)</b>	25 g bottle	\$ 26.80
<b>3400JB (13903-121)</b>	125 g bottle	61.80
	6 x 125 g bottle	53.85
<b>3400JD (13903-017)</b>	500 g bottle	120.00
	6 x 500 g bottle	110.65
<b>3400JF (13903-124)</b>	2.5 kg bottle	497.25
<b>3400PV (13903-250)</b>	12 kg carton	1168.70

**MERCURIC NITRATE, 0.141 NORMAL, A.P.H.A.**

for High Chloride, 1 ml = 5 mg Cl

<b>8977CM (62990-030)</b>	500 ml glass bottle	\$ 15.55
<b>8977FC (62990-057)</b>	1 L glass bottle	25.90

**MERCURIC OXIDE, RED, PURIFIED, POWDER**

HgO FW 216.61  
 DOT: Poison UN 1641  
 CAS #21908-53-2 RTECS OW 8750000  
 Storage Code: Blue

<b>3415JA (56613-085)</b>	25 g bottle	\$ 14.60
	6 x 25 g bottle	11.70
<b>3415JB (56613-121)</b>	125 g bottle	32.75
	6 x 125 g bottle	27.10
<b>3415JD (56613-017)</b>	500 g bottle	76.70
	6 x 500 g bottle	67.70
<b>3415JF (56613-124)</b>	2.5 kg bottle	304.30

**MERCURIC OXIDE, ACS, YELLOW, POWDER**

HgO FW 216.61  
 DOT: Poison UN 1641  
 CAS #21908-53-2 RTECS OW 8750000  
 Storage Code: Blue

**Specifications**

Assay ..... Min. 99.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.025%  
 Insoluble in Dilute Hydrochloric Acid ..... 0.03%  
 Iron (Fe) ..... 0.003%  
 Nitrogen Compounds (as N) ..... 0.005%  
 Residue After Reduction ..... 0.05%  
 Sulfate (SO<sub>4</sub>) ..... 0.01%

**3420JA (13911-085)** 25 g bottle \$ 20.30  
 6 x 25 g bottle 15.80  
**3420JB (13911-121)** 125 g bottle 49.60  
 6 x 125 g bottle 38.95  
**3420JD (13911-017)** 500 g bottle 190.95  
**3420JF (13911-124)** 2.5 kg bottle 501.90

**MERCURIC SULFATE, ACS**

HgSO<sub>4</sub> FW 296.65  
 DOT: Poison UN 1645  
 CAS #7783-35-9 RTECS OX0500000  
 Storage Code: Blue

**Specifications**

Assay ..... Min. 98.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.003%  
 Iron (Fe) ..... 0.005%  
 Mercurous Mercury (as Hg) ..... 0.15%  
 Nitrate (NO<sub>3</sub>) ..... To Pass Test  
 (approx. 0.005%)  
 Residue After Reduction ..... 0.02%

**3430JB (13941-121)** 125 g bottle \$ 164.90  
**3430JD (13941-017)** 500 g bottle 340.00

**MERCURIC THIOCYANATE, REAGENT, POWDER**

Hg(SCN)<sub>2</sub> FW 316.78  
 DOT: Poison UN1646  
 CAS #592-85-8 RTECS XL1550000  
 Storage Code: Blue

**Specifications**

Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.002%  
 Chloride Sensitivity ..... To Pass Test

**3435LA (13951-114)** 100 g poly bottle \$ 235.25  
**3435AL (13951-010)** 500 g poly bottle 1170.45

**MERCUROUS CHLORIDE, PURIFIED, POWDER**

HgCl<sub>2</sub> FW 236.04  
 CAS #7546-30-7 RTECS OV8750000  
 Storage Code: Blue

**3440LA (56562-114)** 100 g poly bottle \$ 40.90  
**3440AL (56562-010)** 500 g poly bottle 112.85

**MERCUROUS NITRATE, ACS, CRYSTAL**

HgNO<sub>3</sub>·H<sub>2</sub>O FW 280.63  
 DOT: Poison UN 1627  
 CAS #7782-86-7 RTECS OW 8000000  
 Storage Code: Yellow

**Specifications**

Assay ..... Min. 98.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.005%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 0.001%  
 Mercuric Mercury (as Hg) ..... 0.5%  
 Residue After Reduction ..... 0.01%  
 Sulfate (SO<sub>4</sub>) ..... 0.005%

**3445JB (13973-121)** 125 g bottle \$ 45.05  
**3445JD (13973-017)** 500 g bottle 151.45

**MERCURY, ACS**

Hg AW 200.59  
 DOT: Corrosive Liquid UN 2809  
 CAS #7439-97-6 RTECS OV4550000  
 Storage Code: Blue

**Specifications**

Appearance ..... To Pass Test  
 Maximum Limits of Impurities  
 Nonvolatile Matter ..... 5 ppm

**3450AL (13990-010)** 500 g poly bottle \$ 77.80  
 6 x 500 g poly bottle 60.95  
**3450NG (13990-200)** 2.5 kg poly bottle 293.25  
 4 x 2.5 kg poly bottle 276.35

**MERCURY, TECHNICAL**

Hg AW 200.59  
 DOT: Corrosive Liquid UN 2809  
 CAS #7439-97-6 RTECS OV4550000  
 Storage Code: Blue

**3460AL (53990-010)** 500 g poly bottle \$ 54.10  
 6 x 500 g poly bottle 40.60  
**3460NG (53990-200)** 2.5 kg poly bottle 191.70

**METHYL ALCOHOL, ANHYDROUS, ACS**

CH<sub>3</sub>OH FW 32.04 (1 L = 0.79 kg)  
 DOT: Flammable Liquid UN 1230  
 CAS #67-56-1 RTECS PC1400000  
 Storage Code: Red

**Specifications**

Appearance ..... Clear  
 Assay ..... Min. 99.8%  
 Substances Darkened by Sulfuric Acid ..... To Pass Test  
 Substances Reducing Permanganate ..... To Pass Test  
 Maximum Limits of Impurities  
 Carbonyl Compounds (Acetone, Formaldehyde and Acetaldehyde) . 0.001% each  
 Color ..... APHA 10  
 Residue After Evaporation ..... 0.001%  
 Solubility in Water ..... To Pass Test  
 Titratable Acid ..... 0.0003 meq/g  
 Titratable Base ..... 0.0002 meq/g  
 Water ..... 0.1%

**3475CH (14000-030)** 500 ml glass bottle \$ 9.80  
 6 x 500 ml glass bottle 8.75

<b>3475FC (14000-057)</b>	1 L glass bottle	14.50
	6 x 1 L glass bottle	10.90
<b>3475ML (14000-150)</b>	4 L glass bottle	36.80
	4 x 4 L glass bottle	27.00
<b>3475HB (14000-080)</b>	4 L poly bottle	29.90
	4 x 4 L poly bottle	24.00
<b>3475QC (14000-280)</b>	20 L steel drum	87.00
<b>3475SC (14000-339)</b>	210 L (365 lb) drum	290.00
	4 x 210 L (365 lb) drum	275.00

**METHYL ALCOHOL, HPLC/SPECTRO**

CH<sub>3</sub>OH                      FW 32.04                      (1 L = 0.79 kg)  
 DOT: Flammable Liquid                      UN 1230  
 CAS #67-56-1                      RTECS PC1400000  
 Storage Code: Red

**Specifications**

Appearance ..... Clear  
 Assay ..... Min. 99.9%  
 Substances Darkened by Sulfuric Acid ..... To Pass Test  
 Substances Reducing Permanganate ..... To Pass Test  
 LC Gradient Elution Suitability ..... To Pass Test  
 Maximum Limits of Impurities  
 Carbonyl Compounds (Acetone, Formaldehyde and Acetaldehyde) . 0.001% each  
 Color ..... APHA 10  
 Residue After Evaporation ..... 2 ppm  
 Solubility in Water ..... To Pass Test  
 Titratable Acid ..... 0.0003 meq/g  
 Titratable Base ..... 0.0002 meq/g  
 Water ..... 0.05%

<b>3507FC</b>	1 L glass bottle	\$ 25.00
	6 x 1 L glass bottle	22.50
<b>3507ML</b>	4 L glass bottle	47.00
	4 x 4 L glass bottle	42.50

**METHYL ALCOHOL, PURIFIED, HISTOLOGICAL**

CH<sub>3</sub>OH                      FW 32.04                      (1 L = 0.79 kg)  
 DOT: Flammable Liquid                      UN 1230  
 CAS #67-56-1                      RTECS PC1400000  
 Storage Code: Red

<b>3500CM (56240-033)</b>	500 ml poly bottle	\$ 8.50
<b>3500HB (56240-080)</b>	4 L poly bottle	24.85
	4 x 4 L poly bottle	17.00
<b>3500QC (56240-280)</b>	20 L steel drum	69.50
<b>3500SC (56240-339)</b>	210 L (365 lb) drum	275.00

**METHYLENE BLUE CHLORIDE (Certifiable Stain)**

C<sub>16</sub>H<sub>18</sub>ClN<sub>3</sub>S 3H<sub>2</sub>O                      FW 373.70  
 CAS #61-73-4                      RTECS SO5600000  
 Storage Code: Green

<b>9031AH (76210-008)</b>	25 g poly bottle	\$ 23.15
<b>9031LA (76210-114)</b>	100 g poly bottle	29.50

**METHYLENE BLUE CHLORIDE, 1% Aqueous Solution**

<b>9034KK (63000-111)</b>	100 ml poly bottle	\$ 7.25
<b>9034CM (63000-033)</b>	500 ml poly bottle	12.15

**METHYLENE BLUE MILK SMEAR STAIN**, Modified Newman-Lampert Formula, A.P.H.A. - for Microscopic Bacterial Examination of Milk

**9040CF (63015-028)** 473 ml poly bottle \$ 39.65

**METHYLENE BLUE, Saturated Aqueous Solution**

**9043KK (63010-111)** 100 ml poly bottle \$ 7.75

**9043CM (63010-033)** 500 ml poly bottle 18.65

**METHYLENE BLUE, Loeffler Formula**

**9037KK (63020-111)** 100 ml poly bottle \$ 7.25

**9037CM (63020-033)** 500 ml poly bottle 13.45

**METHYLENE CHLORIDE, ACS (Dichloromethane)**

CH<sub>2</sub>Cl<sub>2</sub> FW 84.93 (1 L = 1.335 kg)  
 DOT: Poison UN 1593  
 CAS #75-09-2 RTECS PA8050000  
 Storage Code: Blue

**Specifications**

Appearance ..... Clear  
 Assay ..... Min. 99.5%  
 Maximum Limits of Impurities  
 Color ..... APHA 10  
 Free Halogens ..... To Pass Test  
 Residue After Evaporation ..... 0.002%  
 Titratable Acid ..... 0.0003 meq/g  
 Water ..... 0.02%

**3595CH (12300-030)** 500 ml glass bottle \$ 16.55  
 6 x 500 ml glass bottle 13.45  
**3595FC (12300-057)** 1 L glass bottle 26.25  
 6 x 1 L glass bottle 21.90  
**3595ML (12300-150)** 4 L glass bottle 67.30  
 4 x 4 L glass bottle 53.85  
**3595QC (12300-280)** 20 L steel drum 163.50  
**3595RY (12300-335)** 206 L (600 lb) drum 733.05  
 12 x 206 L (600 lb) drum 620.30

**METHYLENE CHLORIDE, HPLC/SPECTRO (Dichloromethane)**

CH<sub>2</sub>Cl<sub>2</sub> FW 84.93 (1 L = 1.335 kg)  
 DOT: Poison UN 1593  
 CAS #75-09-2 RTECS PA8050000  
 Storage Code: Blue

**Specifications**

Appearance ..... Clear  
 Assay ..... Min. 99.9%  
 Maximum Limits of Impurities  
 Color ..... APHA 10  
 Free Halogens ..... To Pass Test  
 Residue After Evaporation ..... 3 ppm  
 Titratable Acid ..... 0.0003 meq/g  
 Water ..... 0.01%

**3597FC** 1 L glass bottle \$35.00  
 6 x 1 L glass bottle 31.50  
**3597ML** 4 L glass bottle 77.00  
 4 x 4 L glass bottle 72.50



**METHYLENE CHLORIDE, FCC/NF**

CH<sub>2</sub>Cl<sub>2</sub> FW 84.93 (1 L = 1.335 kg)  
 DOT: Poison UN 1593  
 CAS #75-09-2 RTECS PA8050000  
 Storage Code: Blue

<b>3600CH (35200-030)</b>	500 ml glass bottle	\$ 18.00
	6 x 500 ml glass bottle	13.40
<b>3600ML (35200-150)</b>	4 L glass bottle	85.45
	4 x 4 L glass bottle	69.40
<b>3600QC (35200-280)</b>	20 L steel drum	206.70
<b>3600RY (35200-335)</b>	206 L (600 lb) drum	932.65
	12 x 206 L (600 lb) drum	875.15

**METHYLENE CHLORIDE, TECHNICAL**

CH<sub>2</sub>Cl<sub>2</sub> FW 84.93 (1 L = 1.335 kg)  
 DOT: Poison UN 1593  
 CAS #75-09-2 RTECS PA8050000  
 Storage Code: Blue

<b>3605HE (56310-083)</b>	3.8 L screw top can	\$ 36.75
<b>3605QC (56310-280)</b>	20 L steel drum	140.50
<b>3605RY (56310-335)</b>	205 L (600 lb) drum	673.70

**METHYL ETHYL KETONE, HPLC/SPECTRO**

Packaged under Nitrogen. Submicron filtered.

CH<sub>3</sub>COCH<sub>2</sub>CH<sub>3</sub> FW 72.11 (1 L = 0.802 kg)  
 DOT: Flammable Liquid UN 1193  
 CAS #78-93-3 RTECS EL6475000  
 Storage Code: Red

**Specifications**

Assay .....	Min. 99.5%
	Maximum Limits of Impurities
Color (APHA) .....	10
Residue After Evaporation .....	5 ppm
Water .....	0.08%

<b>3523FC</b>	1 L glass bottle	\$ 45.00
	6 x 1 L glass bottle	42.00
<b>3523ML</b>	4 L glass bottle	84.50
	4 x 4 L glass bottle	80.00

**METHYL ETHYL KETONE, ACS**

CH<sub>3</sub>COCH<sub>2</sub>CH<sub>3</sub> FW 72.11 (1 L = 0.802 kg)  
 DOT: Flammable Liquid UN 1193  
 CAS #78-93-3 RTECS EL6475000  
 Storage Code: Red

**Specifications**

Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Color (APHA) .....	15
Residue After Evaporation .....	0.0025%
Titrateable Acid .....	0.0005 meq/g
Water .....	0.20%

<b>3520CH (12380-030)</b>	500 ml glass bottle	\$ 18.20
	6 x 500 ml glass bottle	14.00
<b>3520ML (12380-150)</b>	4 L glass bottle	71.75
	4 x 4 L glass bottle	63.15
<b>3520QC (12380-280)</b>	20 L steel drum	183.55
<b>3520SC (12380-339)</b>	210 L (370 lb) drum	598.50

**METHYL ETHYL KETONE, TECHNICAL**

CH<sub>3</sub>COCH<sub>2</sub>CH<sub>3</sub>                      FW 72.11                      (1 L = 0.802 kg)  
 DOT: Flammable Liquid                      UN 1193  
 CAS #78-93-3                      RTECS EL6475000  
 Storage Code: Red

<b>3535HF (55220-084)</b>	4 L steel drum	\$ 29.30
	4 X 4 l Steel drum	22.50
<b>3535QC (55220-280)</b>	20 L steel drum	98.30
<b>3535SC (55220-339)</b>	210 L (370 lb) drum	518.85

**METHYL GREEN STAINING SOLUTION, 1% Alcoholic**

<b>8989KK (63030-111)</b>	100 ml poly bottle	\$ 7.35
<b>8989CM (63030-033)</b>	500 ml poly bottle	18.65

**METHYL ISOBUTYL KETONE, ACS (4-Methyl-2-Pentanone)**

CH<sub>3</sub>COCH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>                      FW 100.16  
 DOT: Flammable Liquid                      UN 1245  
 CAS #108-10-1                      RTECS SA9275000  
 Storage Code: Red

**Specifications**

Appearance .....	Clear
Assay .....	Min. 98.5%
Maximum Limits of Impurities	
Color .....	APHA 15
Residue After Evaporation .....	0.005%
Titration Acid .....	0.002 meq/g
Water .....	0.1%

<b>3545CH (12400-030)</b>	500 ml glass bottle	\$ 21.75
	6 x 500 ml glass bottle	17.60
<b>3545ML (12400-150)</b>	4 L glass bottle	78.15
	4 x 4 L glass bottle	67.80
<b>3545QC (12400-280)</b>	20 L steel drum	194.25

**METHYL METHACRYLATE**

CH<sub>2</sub>C(CH<sub>3</sub>)CO<sub>2</sub>CH<sub>3</sub>                      FW 100.12  
 DOT: Flammable Liquid                      UN 1993  
 CAS #80-62-6                      RTECS SA9275000  
 Storage Code: Red

<b>3555CH (56592-030)</b>	500 ml glass bottle	\$ 22.25
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**METHYL ORANGE, ACS (C.I. 13025)**

C<sub>14</sub>H<sub>14</sub>N<sub>3</sub>NaO<sub>3</sub>S                      FW 327.33  
 CAS #547-58-0                      RTECS DB6327000  
 Storage Code: Green

**Specifications**

Clarity of Solution .....	To Pass Test
Visual Transition Interval .....	pH 3.2 (pink or red) to pH 4.4 (yellow)

<b>9007AH (12390-008)</b>	25 g poly bottle	\$ 11.25
<b>9007LA (12390-114)</b>	100 g poly bottle	25.70
<b>9007AL (12390-010)</b>	500 g poly bottle	78.40

**METHYL ORANGE, INDICATOR SOLUTION, pH 3.0 - 4.4**

<b>9004KK (63040-111)</b>	100 ml poly bottle	\$ 8.25
<b>9004CM (63040-033)</b>	500 ml poly bottle	12.35

**METHYL RED, SODIUM SALT, ACS**(CH<sub>3</sub>)<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>N=NC<sub>6</sub>H<sub>4</sub>CO<sub>2</sub>Na

FW 291.29

CAS #845-10-3

Storage Code: Blue

**Specifications**

Clarity of Alcohol Solution ..... To Pass Test

Clarity of Aqueous Solution ..... To Pass Test

Visual Transition Interval ..... pH 4.2 (pink) to 6.2 (yellow)

<b>3565AG (12450-007)</b>	10 g poly bottle	\$ 16.95
<b>3565AH (12450-008)</b>	25 g poly bottle	25.40

**METHYL RED, INDICATOR SOLUTION, 0.2% Alcoholic, pH 4.2 - 6.2**

<b>9016KK (63050-111)</b>	100 ml poly bottle	\$ 7.00
<b>9016CM (63050-033)</b>	500 ml poly bottle	24.60

**METHYL VIOLET, 0.02% (w/v) Aqueous Solution, pH 0.1 - 3.2**

<b>9022KK (63060-111)</b>	100 ml poly bottle	\$ 7.25
<b>9022CM (63060-033)</b>	500 ml poly bottle	11.25

**MILLION'S REAGENT, Protein Determination**

<b>9049AM (63070-011)</b>	100 ml glass bottle	\$ 15.55
<b>9049CH (63070-030)</b>	500 ml glass bottle	32.10

**MINERAL OIL, LIGHT, NF (Paraffin Oil, Light), #5**

Saybolt Viscosity 125/135

(1 L = 0.844 kg)

CAS #8042-47-5

RTECS PY8030000

Storage Code: Green

<b>3630GA (48185-067)</b>	1 L poly bottle	\$ 18.05
	6x1 L poly bottle	15.20
<b>3630HB (48185-080)</b>	4 L poly bottle	40.60
<b>3630QF (48185-290)</b>	19 L Ventflo carboy	135.20

**MOLECULAR SIEVE, 3A, 8-12 MESH**

CAS #55465-40-2

Storage Code: Green

<b>3645AL (56415-010)</b>	500 g poly bottle	\$ 44.70
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**MOLECULAR SIEVE, 4A, 8-12 MESH**

CAS #1344-00-9

Storage Code: Green

<b>3650AL (56418-010)</b>	500 g poly bottle	\$ 44.80
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**MOLECULAR SIEVE, 5A, 8-12 MESH**

CAS #1344-02-1

Storage Code: Green

**3655AL (56421-010)** 500 g poly bottle \$ 44.70**MOLECULAR SIEVE, 13X, 8-12 MESH**

CAS #1344-00-9

Storage Code: Green

**3640AL (56425-010)** 500 g poly bottle \$ 44.70**MOLYBDIC ACID, 85%, ACS, POWDER**

(Chiefly Ammonium Molybdate)

CAS #7782-91-4

Storage Code: Green

**Specifications**

Assay (MoO <sub>3</sub> ) .....	Min. 85.0%
Maximum Limits of Impurities	
Arsenate, Phosphate and Silicate (as SiO <sub>2</sub> ) .....	0.001%
Chloride (Cl) .....	0.002%
Heavy Metals (as Pb) .....	0.003%
Insoluble in Dilute Ammonium Hydroxide .....	0.01%
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Sulfate (SO <sub>4</sub> ) .....	0.2%

**3660LB (14101-115)** 125 g poly bottle \$ 25.00**3660AL (14101-010)** 500 g poly bottle 85.00  
6 x 500 g poly bottle 79.00**3660NG (14101-200)** 2.5 kg poly bottle 395.00  
4 x 2.5 kg poly bottle 380.00**3660PV (14101-250)** 12 kg carton 1495.00**3660UC (14101-700)** 50 kg (110 lb) drum 3500.00**MONOETHANOLAMINE (See "ETHANOLAMINE")****NAPHTHALENE, REAGENT, FLAKES**C<sub>10</sub>H<sub>8</sub>

FW 128.16

DOT: Flammable Solid

UN 1334

CAS #91-20-3

RTECS QJ0525000

Storage Code: Red

**Specifications**

Assay .....	Min. 99.5%
Melting Range .....	80° - 81°C
Maximum Limits of Impurities	
Residue After Ignition .....	0.002%

**9061AL (76586-010)** 500 g poly bottle \$ 22.20  
6 x 500 g poly bottle 19.10**9061NG (76586-200)** 2.5 kg poly bottle 54.50**9061PV (76586-250)** 12 kg carton 210.90

**N-(1-NAPHTHYL)ETHYLENEDIAMINE DIHYDROCHLORIDE, ACS**C<sub>10</sub>H<sub>7</sub>NHCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub>·2HCl

FW 259.19

CAS #1465-25-4

RTECS KV5330000

Storage Code: Green

**Specifications**

Assay (Anhydrous Basis) .....	Min. 98.0%
Sensitivity to Sulfanilamide .....	To Pass Test
Solubility .....	To Pass Test
	Maximum Limits of Impurities
Water .....	5%

<b>3680AH (56705-008)</b>	25 g poly bottle	\$ 114.65
<b>3680LA (56705-114)</b>	100 g poly bottle	397.95

**NESSLER'S REAGENT, A.P.H.A. - for Ammonium Nitrogen**

<b>9067CM (63080-033)</b>	500 ml poly bottle	\$ 45.70
<b>9067GA (63080-067)</b>	1 L poly bottle	91.20

**NEUTRAL DETERGENT FIBER (NDF) SOLUTION (FIBERSOL-T)**

with Triethylene Glycol Forage Fiber Analysis  
 DOT: Not Regulated

<b>8668GA (63083-067)</b>	1 L poly bottle	\$ 22.50
<b>8668HB (63083-080)</b>	4 L poly bottle	29.65
<b>8668QH (63083-292)</b>	20 L Hedwin cube	98.00
	4 x 20 L Hedwin cube	89.85

**NICKEL CHLORIDE, REAGENT, CRYSTAL**NiCl<sub>2</sub>·6H<sub>2</sub>O

FW 237.70

DOT: Poison

UN 2811

CAS #7791-20-0

RTECS QR6480000

Storage Code: Blue

**Specifications**

Nickel .....	Min. 24.0%
	Maximum Limits of Impurities
Cobalt (Co) .....	0.05%
Copper (Cu) .....	0.005%
Iron (Fe) .....	0.005%
Lead (Pb) .....	Trace
Zinc .....	0.001%

<b>3720LB (14143-115)</b>	125 g poly bottle	\$ 26.60
<b>3720AL (14143-010)</b>	500 g poly bottle	49.25
	6 x 500 g poly bottle	39.65
<b>3720NG (14143-200)</b>	2.5 kg poly bottle	189.80
	4 x 2.5 kg poly bottle	139.35
<b>3720PV (14143-250)</b>	12 kg carton	596.35
<b>3720UC (14143-700)</b>	50 kg (110 lb) drum	1069.70

**NICKEL NITRATE, REAGENT, CRYSTAL**Ni(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O

FW 290.81

DOT: Oxidizer

UN 2725

CAS #13478-00-7

RTECS QR7300000

Storage Code: Yellow

**Specifications**

Nickel .....	Min. 19.9%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.001%
Cobalt (Co) .....	0.05%
Copper (Cu) .....	0.001%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.002%
Lead (Pb) .....	0.002%

Substances not Precipitated by (NH4)S ..... 0.10%  
 Sulfate (SO4) ..... 0.005%

<b>3730LB (14153-115)</b>	125 g poly bottle	\$ 23.95
<b>3730AL (14153-010)</b>	500 g poly bottle	44.75
	6x500 g poly bottle	38.40
<b>3730NG (14153-200)</b>	2.5 kg poly bottle	154.95
	4x2.5 kg poly bottle	143.70
<b>3730PV (14153-250)</b>	12 kg carton	371.60
<b>3730UC (14153-700)</b>	50 kg (110 lb) drum	989.80

**NICKEL SULFATE, ACS, CRYSTAL**

NiSO4! 6H2O ..... FW 262.86  
 CAS #10101-97-0 ..... RTECS QR9600000  
 Storage Code: Blue

**Specifications**

Assay .....	98.0 - 102.0%
	Maximum Limits of Impurities
Calcium (Ca) .....	0.005%
Chloride (Cl) .....	0.001%
Cobalt (Co) .....	0.002%
Copper (Cu) .....	0.005%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Magnesium (Mg) .....	0.005%
Manganese (Mn) .....	0.002%
Nitrogen Compounds (as N) .....	0.002%
Potassium (K) .....	0.01%
Sodium (Na) .....	0.05%

<b>3735LB (14173-115)</b>	125 g poly bottle	\$ 22.30
<b>3735AL (14173-010)</b>	500 g poly bottle	72.05
	6 x 500 g poly bottle	59.65
<b>3735NG (14173-200)</b>	2.5 kg poly bottle	216.90
	4 x 2.5 kg poly bottle	205.40
<b>3735PV (14173-250)</b>	12 kg carton	744.20

**NIGROSIN, 5% Alcoholic**

<b>9085AM (63100-011)</b>	100 ml glass bottle	\$ 7.35
<b>9085CH (63100-030)</b>	500 ml glass bottle	19.20

**NINHYDRIN, ACS (1,2,3-INDANTRIONE MONO)**

C6H4COCOCO! H2O ..... FW 178.14  
 CAS #485-47-2 ..... RTECS NK5425000  
 Storage Code: Green

**Specifications**

Appearance .....	White to brownish-white crystals
Identification and Melting Point .....	To Pass Test
Sensitivity to Amino Acids .....	To Pass Test
Solubility .....	To Pass Test

<b>3740AF (14161-006)</b>	5 g poly bottle	\$ 16.95
<b>3740AH (14161-008)</b>	25 g poly bottle	44.25

**NINHYDRIN, 0.5% Solution in Butanol (for Protein Test)**

<b>9091CH (63110-030)</b>	500 ml glass bottle	\$ 17.75
<b>9091ML (63110-150)</b>	4 L glass bottle	114.50

**NITRIC ACID, 70%, SEMI**

HNO<sub>3</sub> FW 63.01 (1 L = 1.42 kg)  
 DOT: Corrosive UN 2031  
 CAS #7697-37-2 RTECS QU5775000  
 Storage Code: Yellow

**Specifications**

Appearance ..... Colorless and free from suspended matter or sediment  
 Assay ..... 69.0 - 70.0%

Maximum Limits of Impurities

Arsenic (As) ..... 0.005 ppm max  
 Chloride (Cl) ..... 0.8 ppm max  
 Color ..... APHA 10 max  
 Heavy Metals (as Pb) ..... 0.2 ppm max  
 Iron (Fe) ..... 0.2 ppm max  
 Residue After Ignition ..... 5 ppm max  
 Sulfate (SO<sub>4</sub>) ..... 0.5 ppm max  
 Phosphate (PO<sub>4</sub>) ..... 0.2 ppm max  
 Antimony (Sb) ..... 0.005 ppm max  
 Aluminum (Al) ..... 0.2 ppm max  
 Boron (B) ..... 0.100 ppm max  
 Calcium (Ca) ..... 0.2 ppm max  
 Chromium (Cr) ..... 0.1 ppm max  
 Copper (Cu) ..... 0.05 ppm max  
 Gold (Au) ..... 0.3 ppm max  
 Lead (Pb) ..... 0.1 ppm max  
 Magnesium (Mg) ..... 0.3 ppm max  
 Manganese (Mn) ..... 0.2 ppm max  
 Nickel (Ni) ..... 0.05 ppm max  
 Potassium (K) ..... 0.3 ppm max  
 Sodium (Na) ..... 0.3 ppm max  
 Tin (Sn) ..... 0.3 ppm max  
 Titanium (Ti) ..... 0.3 ppm max  
 Zinc (Zn) ..... 0.3 ppm max  
 Particle Count (point of fill @ 0.5 micron) ..... 125 max

<b>3760DH</b>	500 ml PVC glass bottle	\$ 34.00
	6 x 500 ml glass bottle	28.00
<b>3760EL</b>	2.2 L (7 lb.) PVC glass bottle	58.00
	6 X 2.2 L PVC glass bottle	52.50
<b>3760JL (NEW)</b>	18 L (56 lb) glass carboy	160.00
	12 x 18 L glass carboys	156.50

**NITRIC ACID, 70%, ACS**

HNO<sub>3</sub> FW 63.01 (1 L = 1.42 kg)  
 DOT: Corrosive UN 2031  
 CAS #7697-37-2 RTECS QU5775000  
 Storage Code: Yellow

**Specifications**

Appearance ..... Colorless and free from suspended matter or sediment  
 Assay ..... 68.0 - 70.0%

Maximum Limits of Impurities

Arsenic (As) ..... 0.01 ppm  
 Chloride (Cl) ..... 0.5 ppm  
 Color ..... APHA 10  
 Heavy Metals (as Pb) ..... 0.2 ppm  
 Iron (Fe) ..... 0.2 ppm  
 Residue After Ignition ..... 5 ppm  
 Sulfate (SO<sub>4</sub>) ..... 1 ppm

<b>3750DH (14180-040)</b>	500 ml PVC glass bottle	\$ 24.00
	6 x 500 ml PVC glass bottle	15.00
<b>3750EL (14180-053)</b>	2.2 L (7 lb.) PVC glass bottle	38.00
	6 X 2.2 L PVC glass bottle	28.70
<b>3750JL (NEW)</b>	18 L (56 lb) glass carboy	129.00
	12 x 18 L glass carboys	99.50
<b>3762NA (14180-190)</b>	24 L (75 lb) glass carboy	169.00
	9 x 24 L glass carboys	129.00

**NITRIC ACID, TECHNICAL, 42° Be**

HNO<sub>3</sub> FW 63.01 (1 L = 1.42 kg)  
 DOT: Corrosive UN 2031  
 CAS #7697-37-2 RTECS QU5775000  
 Storage Code: Yellow

**3745EL (56920-053)** 2.2 L PVC glass bottle \$ 34.70  
 6 x 2.2 L PVC glass bottle 25.80

**NITRIC ACID, 90%, FUMING, ACS**

HNO<sub>3</sub> FW 63.01 (1 L = 1.5 kg)  
 DOT: Corrosive UN 2032  
 CAS #7697-37-2 RTECS QU6000000  
 Storage Code: Yellow

**Specifications**

Assay ..... Min. 90.0%  
 Dilution Test ..... To Pass Test  
 Maximum Limits of Impurities  
 Arsenic (As) ..... 0.3 ppm  
 Chloride (Cl) ..... 0.7 ppm  
 Dissolved Oxides (as N<sub>2</sub>O<sub>3</sub>) ..... To Pass Test  
 (approx. 0.1%)  
 Heavy Metals (as Pb) ..... 5 ppm  
 Iron (Fe) ..... 2 ppm  
 Residue After Ignition ..... 0.002%  
 Sulfate (SO<sub>4</sub>) ..... 5 ppm

**3765DH (14185-040)** 500 ml PVC glass bottle \$ 87.50  
**3765GC (14185-069)** 2.5 L PVC glass bottle 193.95  
 4 x 2.5 L PVC glass bottle 172.30

**NITRIC ACID, 0.100 NORMAL (N/10), Volumetric Solution, APHA**

**9100CH (63090-033)** 500 ml glass bottle \$ 14.30  
**9100ML (63090-070)** 4 L glass bottle 23.65  
**9100QH (63090-292)** 20 L Hedwin cube, w/spigot 46.60

**NITRIC ACID, 1.00 NORMAL, Volumetric Solution**

DOT: Corrosive Material NA 1760  
 CAS #7697-37-2

**9103DH (63120-067)** 500 ml PVC glass bottle \$ 17.30  
**9103GH (63120-070)** 2.5 L PVC glass bottle 26.70  
**9103QH (63120-292)** 20 L Hedwin cube, w/spigot 48.15

**NITRIC ACID SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**NITRILOTRIACETIC ACID, ACS**

N(CH<sub>2</sub>COOH)<sub>3</sub> FW 191.14  
 CAS #139-13-9 RTECS AJ0175000  
 Storage Code: Blue

**Specifications**

Assay ..... Min. 98.0%  
 Clarity of Solution ..... To Pass Test

**3785LB (14195-115)** 125 g poly bottle \$ 15.80  
**3785AL (14195-010)** 500 g poly bottle 47.30  
**3785NG (14195-200)** 2.5 kg poly bottle 229.25



**NITROBENZENE, ACS**

C<sub>6</sub>H<sub>5</sub>NO<sub>2</sub> FW 123.11 (1 L = 1.2 kg)  
 DOT: Poison UN1662  
 CAS #98-95-3 RTECS DA6475000  
 Storage Code: Red

**Specifications**

Assay ..... Min. 99.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 5 ppm  
 Residue After Evaporation ..... 0.005%  
 Water-soluble Titratable Acid ..... 0.0005 meq/g

**3790CH (14205-030)** 500 ml glass bottle \$ 61.90  
**3790ML (14205-150)** 4 L glass bottle 215.50

**NITROMETHANE, ACS**

CH<sub>3</sub>NO<sub>2</sub> FW 61.04 (1 L = 1.139 kg)  
 DOT: Flammable Liquid UN1261  
 CAS #75-52-5 RTECS PA9800000  
 Storage Code: Red

**Specifications**

Appearance ..... Clear  
 Assay ..... Min. 95%  
 Maximum Limits of Impurities  
 Color ..... APHA 10  
 Water ..... 0.05%

**3795CH (14207-030)** 500 ml glass bottle \$ 91.70  
**3795ML (14207-150)** 4 L glass bottle 320.90

**p-NITROPHENOL (4-NITROPHENOL)**

O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>OH FW 139.11  
 DOT: Poison UN 1663  
 CAS #100-02-7 RTECS SM2275000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 98%

**3805LB (14210-115)** 125 g poly bottle \$ 27.40  
**3805JD (14210-094)** 500 g glass bottle 51.95

**OLEIC ACID**

C<sub>18</sub>H<sub>34</sub>O<sub>2</sub> FW 282.46 (1 L = 0.89 kg)  
 CAS #112-80-1 RTECS RG4130000  
 Storage Code: Green

**3825CM (56900-033)** 500 ml poly bottle \$ 24.00

**OLSEN'S SODIUM BICARBONATE CONCENTRATE**

Soils Extractant  
 (1 L concentrate dilutes with distilled water to 2 L)

**9139GA (63137-067)** 1 L poly bottle \$ 14.60  
**9139HB (63137-080)** 4 L poly bottle 28.80  
 4 x 4 L poly bottle 23.55  
**9139QH (63137-292)** 20 L Hedwin cube 128.40  
 4 x 20 L Hedwin cube 105.05

**ORANGE IV, C.I. 13080**

C<sub>18</sub>H<sub>14</sub>N<sub>3</sub>NaO<sub>3</sub>S FW 375.39  
 CAS #554-73-4  
 Storage Code: Green

**9145AH (77710-008)** 25 g poly bottle \$ 73.30

**ORANGE IV INDICATOR SOLUTION, pH 1.4 - 2.6**

<b>9148KK (63140-111)</b>	100 ml poly bottle	\$ 7.25
<b>9148CM (63140-033)</b>	500 ml poly bottle	12.45

**ORANGE G, C.I. 16230**

For use in histology  
HOC10H4(N=NC6H5)(SO3Na)2 FW 452.38  
CAS #1936-15-8 RTECS QJ6500000  
Storage Code: Green

<b>9142AH (77400-008)</b>	25 g poly bottle	\$ 22.75
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**ORCEIN (Synthetic)**

For use in histology, cytology  
CAS #1400-62-0 FW 500.51  
Storage Code: Green

<b>9154AF (77412-006)</b>	5 g poly bottle	\$ 36.10
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<b>9154AG (77412-007)</b>	10 g poly bottle	67.70
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**ORCEIN STAINING SOLUTION (1% Alcoholic)**

<b>9151KK (63145-111)</b>	100 ml poly bottle	\$ 9.35
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<b>9151CM (63145-033)</b>	500 ml poly bottle	20.90
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**OSMIC ACID (OSMIUM TETROXIDE), REAGENT, CRYSTAL**

OsO4 FW 254.20  
DOT: Poison UN 2471  
CAS #20816-12-0 RTECS RN1140000  
Storage Code: White

**Specifications**

Assay (Os) .....	Min. 74.8%
	Maximum Limits of Impurities
Heavy Metals (Pb) .....	0.005%
Nonvolatile Matter .....	0.2%

<b>3830AC (14253-003)</b>	0.5 g vial	\$ 70.10
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<b>3830AD (14253-004)</b>	1 g vial	89.15
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**OXALIC ACID, DIHYDRATE, ACS, CRYSTAL**

(COOH)2! 2H2O FW 126.07  
DOT: Corrosive Material UN 1759  
CAS #6153-56-6 RTECS RO2450000  
Storage Code: White

**Specifications**

Assay .....	99.5 - 102.5%
Substances Darkened by Hot Sulfuric Acid .....	To Pass Test
	Maximum Limits of Impurities
Calcium (Ca) .....	0.001%
Chloride (Cl) .....	0.002%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	2 ppm
Nitrogen Compounds (as N) .....	0.001%
Residue After Ignition .....	0.01%
Sulfate (SO4) .....	0.005%

<b>3840AL (14243-010)</b>	500 g poly bottle	\$ 30.45
	6 x 500 g poly bottle	27.70

<b>3840NG (14243-200)</b>	2.5 kg poly bottle	131.95
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	4 x 2.5 kg poly bottle	109.05
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<b>3840PV (14243-250)</b>	12 kg carton	395.00
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**OXALIC ACID, DIHYDRATE, TECHNICAL, CRYSTAL**(COOH)<sub>2</sub> · 2H<sub>2</sub>O

FW 126.07

DOT: Corrosive Material

UN 1759

CAS #6153-56-6

RTECS RO2450000

Storage Code: White

<b>3845AL (56943-010)</b>	500 g poly bottle	\$ 15.55
<b>3845NG (56943-200)</b>	2.5 kg poly bottle	43.75
<b>3845PV (56943-250)</b>	12 kg carton	168.40

**OXALIC ACID, 10% (w/v) Aqueous, A.P.H.A. - for Silica**

<b>9166CM (63155-033)</b>	500 ml poly bottle	\$ 11.95
<b>9166GA (63155-067)</b>	1 L poly bottle	18.85

**OXALIC ACID, 0.10 NORMAL (N/10), Volumetric Solution**

<b>9163CM (63160-033)</b>	500 ml poly bottle	\$ 16.35
<b>9163GD (63160-070)</b>	3.8 L poly bottle	66.50
<b>9163QH (63160-292)</b>	20 L Hedwin cube	197.40

**PANCREATIN, TECHNICAL, POWDER**

CAS #8049-47-6

<b>3855AH (57053-008)</b>	25 g poly bottle	\$ 8.70
<b>3855LA (57053-114)</b>	100 g poly bottle	15.00

**PANCREATIN, 2% AQUEOUS SOLUTION**

<b>9178KK (63165-111)</b>	100 ml poly bottle	\$ 8.75
<b>9178CM (63165-033)</b>	500 ml poly bottle	13.85

**PARLON® S-10, POWDER (See "POLYVINYL CHLORIDE")****P-B STOCK SOLUTION**

Fiske-Subbarow Reducing Agent

<b>9172FC (63171-057)</b>	1 L glass bottle	\$ 85.40
<b>9172ML (63171-150)</b>	4 L glass bottle	92.70

**P-C POWDER**

<b>3850JA (57141-091)</b>	25 g glass bottle	\$ 12.95
<b>3850JB (57141-092)</b>	125 g glass bottle	38.40

**n-PENTANE, REAGENT, 99+%**C<sub>5</sub>H<sub>12</sub>

FW 72.15

(1 L = 0.633 kg)

DOT: Flammable Liquid

UN 1265

CAS #109-66-0

RTECS RZ9450000

Storage Code: Red

<b>3895CH (01970-030)</b>	500 ml glass bottle	\$ 30.45
	6 x 500 ml glass bottle	24.75
<b>3895FC (01970-057)</b>	1 L glass bottle	45.05
	6 x 1 L glass bottle	33.85
<b>3895HF (01970-084)</b>	4 L steel drum	65.50

<b>3895ML (01970-150)</b>	4 L glass bottle	76.70
	4 x 4 L glass bottle	67.70
<b>3895QC (01970-280)</b>	20 L steel drum	191.75

**n-PENTANE, TECHNICAL**

C<sub>5</sub>H<sub>12</sub> FW 72.15 (1 L = 0.633 kg)  
 DOT: Flammable Liquid UN 1265  
 CAS #109-66-0 RTECS RZ9450000  
 Storage Code: Red

<b>3900HF (56970-084)</b>	4 L steel drum	\$ 60.55
<b>3900QC (56970-280)</b>	20 L steel drum	162.25

**PEPSIN 1:3000, LAB, POWDER**

CAS #9001-75-6  
 Storage Code: Green

<b>3915AH (56991-008)</b>	25 g poly bottle	\$ 8.00
<b>3915LA (56991-114)</b>	100 g poly bottle	19.50

**PEPTONE (MEAT), BACTERIOLOGICAL**

<b>3920AH (57200-008)</b>	25 g poly bottle	\$ 5.70
<b>3920LA (57200-114)</b>	100 g poly bottle	9.90
<b>3920AL (57200-010)</b>	500 g poly bottle	36.70

**PERACETIC ACID (35% w/w in Acetic Acid)**

CH<sub>3</sub>CO<sub>3</sub>H FW 76.05  
 DOT: Organic peroxide Type E, Liquid (35% Peroxyacetic Acid, Stabilized) 5.2, UN3107, PGII  
 CAS #79-12-0  
 Storage Code: Yellow (Keep Refrigerated)

<b>3922CM</b>	500 ml poly bottle	\$ 239.00
	6 x 500 ml poly bottles	139.00

**PERCHLORIC ACID, 70%, ACS**

HClO<sub>4</sub> FW 100.46 (1 L = 1.67 kg)  
 DOT: Oxidizer UN 1873  
 CAS #7601-90-3 RTECS SC7501100  
 Storage Code: Yellow

<b>Specifications</b>	
Assay .....	69.0 - 72.0%
<b>Maximum Limits of Impurities</b>	
Chloride (Cl) .....	0.001%
Color .....	APHA 10
Heavy Metals (as Pb) .....	1 ppm
Iron (Fe) .....	1 ppm
Nitrogen Compounds (as N) .....	0.001%
Residue After Ignition .....	0.003%
Silicate and Phosphate (as SiO <sub>2</sub> ) .....	5 ppm
Sulfate (SO <sub>4</sub> ) .....	0.001%

<b>3930CH (14260-030)</b>	500 ml glass bottle	\$ 63.80
	6 x 500 ml glass bottle	52.20
<b>3930GH (14260-055)</b>	2.5 L PVC glass bottle	159.35
	4 x 2.5 L PVC glass bottle	139.05

**PERCHLORIC ACID, 60%, ACS**

HClO<sub>4</sub> FW 100.46 (1 L = 1.53 kg)  
 DOT: Oxidizer UN 1873  
 CAS #7601-90-3 RTECS SC7501100  
 Storage Code: Yellow

**Specifications**

Assay ..... 60.0 - 62.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.001%  
 Color ..... APHA 10  
 Heavy Metals (as Pb) ..... 1 ppm  
 Iron (Fe) ..... 1 ppm  
 Nitrogen Compounds (as N) ..... 0.001%  
 Residue After Ignition ..... 0.003%  
 Silicate and Phosphate (as SiO<sub>2</sub>) ..... 5 ppm  
 Sulfate (SO<sub>4</sub>) ..... 0.001%

**3925CH (14290-030)** 500 ml glass bottle \$ 56.95  
 6 x 500 ml glass bottle 38.30  
**3925GC (14290-055)** 2.5 L PVC glass bottle 144.90  
 4 x 2.5 L PVC glass bottle 123.85

**PERCHLORIC ACID, 0.100 NORMAL (N/10)**

in Glacial Acetic Acid. For Non-Aqueous Titrations

**9181CH (63175-030)** 500 ml glass bottle \$ 23.00  
**9181FC (63175-057)** 1 L glass bottle 29.00  
**9181FA (63175-055)** 2.5 L glass bottle 53.95

**PERIODIC ACID, ACS, CRYSTAL**

H<sub>5</sub>IO<sub>6</sub> FW 227.94  
 DOT: Oxidizer UN 1479  
 CAS #10450-60-9  
 Storage Code: Yellow

Assay ..... 99.0 - 101.0%  
 Specifications  
 Heavy Metals (as Pb) ..... 0.005%  
 Insoluble Matter ..... 0.01%  
 Iron ..... 0.003%  
 Other Halogens (as Cl) ..... 0.01%  
 Residue After Ignition ..... 0.01%  
 Sulfate ..... 0.01%

**3940AH (14903-008)** 25 g poly bottle \$ 29.00  
**3940LB (14903-115)** 125 g poly bottle 51.45  
**3940AL (14903-010)** 500 g poly bottle 179.15

**PETROLEUM ETHER, 35-60°C, ACS**

(1 L = 0.64 kg)  
 DOT: Flammable Liquid UN 1271  
 CAS #8032-32-4 RTECS SE7555000  
 Storage Code: Red

**Specifications**

Boiling Range ..... 35 - 60°C  
 Acidity ..... To Pass Test  
 Color ..... Max. APHA 10  
 Residue After Evaporation ..... Max. 0.001%

**3945CH (14300-030)** 500 ml glass bottle \$ 15.05  
 6 x 500 ml glass bottle 12.45  
**3945DE (14300-037)** 950 ml screw top can 19.70  
 6 x 950 ml screw top can 15.05  
**3945HF (14300-084)** 4 L steel drum 42.00  
 4 x 4 L steel drum 37.50  
**3945ML (14300-150)** 4 L glass bottle 38.30  
 4 x 4 L glass bottle 31.50

<b>3945QC (14300-280)</b>	20 L steel drum	133.20
	12 x 20 L steel drum	115.35
<b>3945RW (14300-333)</b>	204 L drum	540.00

**1,10-PHENANTHROLINE, MONOHYDRATE, ACS**

C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>·H<sub>2</sub>O FW 198.23  
 CAS #5144-89-8 RTECS SF8300000  
 Storage Code: Green

**Specifications**

Suitability as Redox Indicator ..... To Pass Test  
 Suitability for Determining Iron ..... To Pass Test

<b>9187AD (77880-004)</b>	1 g poly bottle	\$ 12.00
<b>9187AF (77880-006)</b>	5 g poly bottle	18.65
<b>9187AH (77880-008)</b>	25 g poly bottle	51.85

**PHENANTHROLINE, 0.1% (W/V), A.P.H.A. - for Iron**

<b>9184KK (63185-111)</b>	100 ml poly bottle	\$ 6.50
<b>9184CM (63185-033)</b>	500 ml poly bottle	15.00

**PHENOL, LOOSE CRYSTALS, REAGENT, A.C.S.**

(Carbolic Acid)

C<sub>6</sub>H<sub>5</sub>OH FW 94.11 (1 L = 1.06 kg)  
 DOT: Phenol, solid, 6.1, UN1671, PG II  
 CAS #108-95-2 RTECS SJ3325000  
 Storage Code: Red

**Specifications**

Assay (C<sub>6</sub>H<sub>5</sub>OH).....Min. 99.0%  
 Freezing Point (Dry).....Min. 40.5°C  
 Clarity of Solution.....To pass test

**Maximum Limits of Impurities**

Residue after Evaporation.....0.05%  
 Water.....0.5%

<b>3980JB (14353-092)</b>	125 gm amber glass jar	\$ 28.75
	6 x 125 gm amber glass jar	20.00
<b>3980JD (14353-094)</b>	500 gm amber glass jar	49.20
	6 x 500 gm amber glass jar	38.70
<b>3980MA (14353-126)</b>	1 Kg amber glass jar	88.90
	4 x 1 Kg amber glass jars	72.80

**PHENOL, LOOSE CRYSTALS, U.S.P.**

(Carbolic Acid)

C<sub>6</sub>H<sub>5</sub>OH FW 94.11  
 DOT: Phenol, solid, 6.1, UN1671, PG II  
 CAS #108-95-2 RTECS SJ3325000  
 Storage Code: Red

<b>3975JD (23795-094)</b>	500 gm amber glass jar	\$ 39.20
	6 x 500 gm amber glass jar	28.70
<b>3975MA (23795-126)</b>	1 Kg amber glass jar	48.90
	4 x 1 Kg amber glass jars	38.80

**PHENOL, 90%, LIQUIFIED, USP**C<sub>6</sub>H<sub>5</sub>OH FW 94.11 (1 L = 1.06 kg)

DOT: Phenol solution, 6.1, UN2821, PG II

CAS #108-95-2 RTECS SJ3325000

Storage Code: Red

<b>4000CH (23790-030)</b>	500 ml glass bottle	\$ 36.20
	6 x 500 ml glass bottle	28.70
<b>4000ML (23790-150)</b>	4 L PVC glass bottle	140.90
	4 x 4 L PVC glass bottle	108.80
<b>4000QC (23790-280)</b>	20 L steel drum	396.70
	4 x 20 L steel drum	369.80
<b>4000RH (23790-320)</b>	191 L (450 lb) drum	997.10

**PHENOL, 90%, LIQUIFIED, TECHNICAL**C<sub>6</sub>H<sub>5</sub>OH FW 94.11 (1 L = 1.06 kg)

DOT: DOT: Phenol solution, 6.1, UN2821, PG II

CAS #108-95-2 RTECS SJ3325000

Storage Code: Red

<b>3995CH (53790-030)</b>	500 ml glass bottle	\$ 29.60
	6 x 500 ml glass bottle	23.70
<b>3995HE (53790-084)</b>	3.8 L screw top can	69.60
<b>3995QC (53790-280)</b>	20 L steel drum	293.00
	4 x 20 L steel drum	244.70

**PHENOLPHTHALEIN, ACS, POWDER**C<sub>20</sub>H<sub>14</sub>O<sub>4</sub> FW 318.31

CAS #77-09-8 RTECS SM8380000

Storage Code: Green

**Specifications****Maximum Limits of Impurities**Clarity of Alcohol Solution ..... To Pass Test  
Visual Transition Interval (colorless to red) ..... pH 8.0 - pH 10

<b>4005AH (14363-008)</b>	25 g poly bottle	\$ 12.45
	6 x 25 g poly bottle	8.15
<b>4005LB (14363-115)</b>	125 g poly bottle	20.40
	6 x 125 g poly bottle	18.70
<b>4005AL (14363-010)</b>	500 g poly bottle	65.50
	6 x 500 g poly bottle	59.30
<b>4005PB (14363-210)</b>	2.5 kg carton	258.10
<b>4005PV (14363-250)</b>	12 Kg carton	795.00

**PHENOLPHTHALEIN, USP 23/NF, POWDER**C<sub>20</sub>H<sub>14</sub>O<sub>4</sub> FW 318.31

CAS #77-09-8 RTECS SM8380000

Storage Code: Green

<b>4010LB (24363-115)</b>	125 g poly bottle	\$ 18.45
	6 x 125 g poly bottle	15.80
<b>4010AL (24363-010)</b>	500 g poly bottle	59.60
	6 x 500 g poly bottle	55.10
<b>4010PB (24363-210)</b>	2.5 kg carton	255.55
<b>4010UC (24363-700)</b>	50 kg (110 lb) drum	1610.75

**PHENOLPHTHALEIN, 0.5% in 50% ALCOHOL, A.P.H.A. - pH 8.0 - 10.0**

<b>9205KK (63195-111)</b>	100 ml poly bottle	\$ 6.70
<b>9205CM (63195-033)</b>	500 ml poly bottle	9.40
<b>9205GA (63195-067)</b>	1 L poly bottle	13.50
<b>9205GD (63195-070)</b>	3.8 L poly bottle	28.00

**PHENOLPHTHALEIN, 1% in 95% ALCOHOL, pH 8.0(colorless) - 10.0(pink)**

<b>9208KK (63200-111)</b>	100 ml poly bottle	\$ 6.95
<b>9208CM (63200-033)</b>	500 ml poly bottle	13.50
<b>9208GA (63200-067)</b>	1 L poly bottle	17.50
<b>9208GD (63200-070)</b>	3.8 L poly bottle	34.50

**PHENOL RED, INDICATOR, POWDER**

C<sub>19</sub>H<sub>14</sub>O<sub>5</sub>S FW 354.38  
CAS #143-74-8 RTECS SJ7490000  
Storage Code: Green

<b>3990AF (53801-006)</b>	5 g poly bottle	\$ 12.45
<b>3990AH (53801-008)</b>	25 g poly bottle	43.80

**PHENOL RED, 0.04% (W/V) AQUEOUS, pH 6.8 (yellow) - 8.2 (red)**

<b>9199KK (63210-111)</b>	100 ml poly bottle	\$ 5.00
<b>9199CM (63210-033)</b>	500 ml poly bottle	9.00

**PHENYLARSINE OXIDE, REAGENT**

C<sub>6</sub>H<sub>5</sub>AsO FW 168.03  
DOT: Poison UN 1557  
CAS #637-03-6 RTECS CH8100000  
Storage Code: Blue

**Specifications**

Melting Point ..... 144 - 146°C  
Suitability for Chlorine Determination ..... To Pass Test  
Maximum Limits of Impurities  
Insolubles ..... 0.01%

<b>4025AF (14385-006)</b>	5 g poly bottle	\$ 91.70
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**PHENYLARSINE OXIDE, 0.00564 NORMAL VOLUMETRIC SOLUTION, A.P.H.A.**

CAS #637-03-6 Specific Gravity 1.033 (1 ml = 0.2 mg Cl)

<b>9217CM (63220-033)</b>	500 ml poly bottle	\$ 15.00
<b>9217GA (63220-067)</b>	1 L poly bottle	24.75
<b>9217GD (63220-070)</b>	3.8 L poly bottle	67.00

**PHENYL SALICYLATE, PURIFIED, CRYSTAL**

C<sub>6</sub>H<sub>4</sub>(OH)COOC<sub>6</sub>H<sub>5</sub> FW 214.22  
CAS #118-55-8 RTECS VO6125000  
Storage Code: Blue

<b>4015AL (54783-010)</b>	500 g poly bottle	\$ 42.90
<b>4015NG (54783-200)</b>	2.5 kg poly bottle	202.45



**PHENYL(1-)-2-THIOUREA, 97%**C<sub>6</sub>H<sub>5</sub>NHCSNH<sub>2</sub>

FW 152.22

CAS #103-85-5

RTECS YU1400000

Storage Code: Blue

<b>4020HG (54791-085)</b>	25 g bottle w/can	\$ 62.65
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**PHOSPHATE BUFFER, pH 7.2, A.P.H.A. - for B.O.D.**

<b>9226CM (63230-033)</b>	500 ml poly bottle	\$ 16.75
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<b>9226GA (63230-067)</b>	1 L poly bottle	21.60
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**PHOSPHATE STANDARD, A.P.H.A. - for Phosphate**(1 ml = 0.05 mg P as PO<sub>4</sub>)

<b>9241CM (63240-033)</b>	500 ml poly bottle	\$ 17.75
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**PHOSPHORIC ACID, 85%, ACS**H<sub>3</sub>PO<sub>4</sub> FW 98.00

(1 L = 1.70 kg)

DOT: Corrosive Material

UN 1805

CAS #7664-38-2

RTECS TB6300000

Storage Code: White

**Specifications**

Assay .....	Min. 85.0%
	<b>Maximum Limits of Impurities</b>
Antimony (as Sb) .....	0.002%
Arsenic (As) .....	1 ppm
Chloride (Cl) .....	3 ppm
Color .....	APHA 10
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter, Ca, Mg & NH <sub>4</sub> OH Ppt. ....	0.005%
Iron (Fe) .....	0.003%
Manganese (Mn) .....	0.5 ppm
Nitrate (NO <sub>3</sub> ) .....	5 ppm
Potassium (K) .....	0.005%
Reducing Substances .....	To Pass Test
Sodium (Na) .....	0.025%
Sulfate (SO <sub>4</sub> ) .....	0.003%
Volatile Acids (as HC <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) .....	0.001%

<b>4035CM (14370-033)</b>	500 ml poly bottle	\$ 29.00
	6 x 500 ml poly bottle	24.00

<b>4035FA (14370-055)</b>	2.5 L glass bottle	46.70
	4 x 2.5 L glass bottle	37.00

<b>4035GC (14370-053)</b>	2.5 L PVC glass bottle	49.00
	4 x 2.5 L PVC glass bottle	39.50

<b>4035GD (14370-070)</b>	3.8 L (14 lb) poly bottle	65.00
	4 x 3.8 L poly bottle	58.00

<b>4035QF (14370-290)</b>	19 L (70 lb) ventflo carboy	193.65
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<b>4035RR (14370-328)</b>	199 L (750 lb) drum	989.55
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**PHOSPHORIC ACID, 85%, NF/FCC**H<sub>3</sub>PO<sub>4</sub> FW 98.00

(1 L = 1.70 kg)

DOT: Corrosive Material

UN 1805

CAS #7664-38-2

RTECS TB6300000

Storage Code: White

<b>4040CM (48190-033)</b>	500 ml poly bottle	\$ 24.00
	6 x 500 ml poly bottle	18.00

<b>4040FA (48190-055)</b>	2.5 L glass bottle	41.00
	4 x 2.5 L glass bottle	36.00

<b>4040GD (48190-070)</b>	3.8 L poly bottle	59.55
	4 x 3.8 L poly bottle	38.00
<b>4040QF (48190-290)</b>	19 L ventflo carboy	170.00
<b>4040RR (48190-328)</b>	199 L (750 lb) drum	724.50

**PHOSPHORIC ACID, META, ACS**

DOT: Corrosive Material UN 1759  
CAS #37267-86-0  
Storage Code: White

**Specifications**

Assay (HPO <sub>3</sub> ) .....	33.5 - 36.5%
Stabilizer (NaPO <sub>3</sub> ) .....	57.0 - 63.0%
<b>Maximum Limits of Impurities</b>	
Arsenic (As) .....	1 ppm
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	0.005%
Iron (Fe) .....	0.005%
Nitrate (NO <sub>3</sub> ) .....	0.001%
Substances Reducing Permanganate(as H <sub>3</sub> PO <sub>3</sub> ) .....	0.02%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>4050LB (14408-115)</b>	125 g poly bottle	\$ 122.35
<b>4050AL (14408-010)</b>	500 g poly bottle	315.85
	6 x 500 g poly bottle	258.45
<b>4050NG (14408-200)</b>	2.5 kg poly bottle	895.00
	4 x 2.5 kg poly bottle	850.25

**PHOSPHORUS, RED, AMORPHOUS, POWDER**

P<sub>n</sub> AW 30.97  
DOT: Flammable Solid UN 1338  
CAS #7723-14-0 RTECS TH3495000  
Storage Code: Red

<b>4075LE (14421-118)</b>	125 g can	\$ 33.30
	6 x 125 g can	25.65
<b>4075BB (14421-013)</b>	500 g can	63.65
	6 x 500 g can	53.90
<b>4075BG (14421-018)</b>	1 kg can	81.10
<b>4075LG (14421-120)</b>	2.5 kg can	163.10
<b>4075UA (14421-600)</b>	45.4 kg (100 lb) drum	989.60

**PHOSPHORUS PENTOXIDE, ACS, POWDER**

P<sub>2</sub>O<sub>5</sub> FW 141.94  
DOT: Corrosive Material UN 1807  
CAS #1314-56-3 RTECS TH3945000  
Storage Code: White

**Specifications**

Assay .....	Min. 98.0%
<b>Maximum Limits of Impurities</b>	
Ammonium (NH <sub>4</sub> ) .....	0.01%
Heavy Metals (as Pb) .....	0.01%
Insoluble Matter .....	0.02%
Phosphorus Trioxide (P <sub>2</sub> O <sub>3</sub> ) .....	To Pass Test (approx. 0.02%)

<b>4070JB (14433-092)</b>	125 g glass bottle	\$ 29.95
	6 x 125 g glass bottle	26.50
<b>4070JD (14433-094)</b>	500 g glass bottle	49.50
	6 x 500 g glass bottle	42.50
<b>4070PV (14433-250)</b>	12 kg (26.4 lb) drum	325.00
<b>4070TT (14433-515)</b>	27.2 kg (60 lb) drum	565.00

**PHOSPHOTUNGSTIC ACID, REAGENT, CRYSTAL**

P<sub>2</sub>O<sub>5</sub>·24WO<sub>3</sub>·xH<sub>2</sub>O  
 CAS #12067-99-1  
 Storage Code: Green

RTECS TH5650000

**Specifications**

Assay (as WO <sub>3</sub> ) .....	Min. 82.0%
	Maximum Limits of Impurities
Ammonia (NH <sub>3</sub> ) .....	0.005%
Chloride (Cl) .....	0.01%
Heavy Metals (as Pb) .....	0.005%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.003%
Nitrate (NO <sub>3</sub> ) .....	0.005%
Sodium (Na) .....	0.01%
Sulfate (SO <sub>4</sub> ) .....	0.02%

<b>4085AH (14443-008)</b>	25 g poly bottle	\$ 31.05
	6 x 25 g poly bottle	23.75
<b>4085LB (14443-115)</b>	125 g poly bottle	82.60
	6 x 125 g poly bottle	68.10
<b>4085AL (14443-010)</b>	500 g poly bottle	243.25
	6 x 500 g poly bottle	189.20
<b>4085NG (14443-200)</b>	2.5 kg poly bottle	1,058.65
	4 x 2.5 kg poly bottle	933.10

**POLYETHYLENE GLYCOL, 400, FCC/NF**

CAS #25322-68-3  
 Storage Code: Green

<b>4105GA (25650-067)</b>	1 L poly bottle	\$ 23.30
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**POLYETHYLENE GLYCOL, 1450**

CAS #25322-68-3  
 Storage Code: Green

<b>4100JE (53905-095)</b>	1 kg poly bottle	\$ 25.40
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**POLYVINYL ALCOHOL, 98+%, HYDROLIZED**

CAS #9002-89-5  
 Storage Code: Red

<b>4115AL (54005-010)</b>	500 g poly bottle	\$ 34.95
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**POLYVINYL CHLORIDE**

(-CH<sub>2</sub>CHCl-)n  
 CAS #9002-86-2

RTECS KV0350000

<b>4120NG (54031-200)</b>	2.5 kg poly bottle	\$ 46.60
	4 x 2.5 kg poly bottle	37.30
<b>4120PV (54031-250)</b>	12 kg carton	133.55
<b>4120TN (54031-500)</b>	22.7 kg (50 lb) drum	208.55

**POTASH, SULFURATED, NF, LUMPS**

CAS #39365-88-3  
 DOT: Flammable Solid  
 Storage Code: Red

UN 1325

<b>4130AL (48210-010)</b>	500 g poly bottle	\$ 45.75
	6 x 500 g poly bottle	35.30
<b>4130NG (48210-200)</b>	2.5 kg poly bottle	169.85
	4 x 2.5 kg poly bottle	156.25

**POTASSIUM ACETATE, ACS, CRYSTAL**KC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>

FW 98.14

CAS #127-08-2

RTECS AJ3325000

Storage Code: Green

**Specifications**

Assay ..... Min. 99.0%

pH of a 5% solution at 25°C ..... 6.5 - 9.0

**Maximum Limits of Impurities**Calcium, Magnesium & R<sub>2</sub>O<sub>3</sub> Precipitate ..... 0.01%

Chloride (Cl) ..... 0.003%

Heavy Metals (as Pb) ..... 5 ppm

Insoluble Matter ..... 0.005%

Iron (Fe) ..... 5 ppm

Phosphate (PO<sub>4</sub>) ..... 0.001%

Sodium (Na) ..... 0.03%

Sulfate (SO<sub>4</sub>) ..... 0.002%

<b>4135AL (14473-010)</b>	500 g poly bottle	\$ 36.00
	6 x 500 g poly bottle	29.15

<b>4135NG (14473-200)</b>	2.5 kg poly bottle	109.00
	4 x 2.5 kg poly bottle	89.00

<b>4135PV (14473-250)</b>	12 kg carton	255.00
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<b>4135UC (14473-700)</b>	50 kg (110 lb) drum	429.00
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**POTASSIUM ACETATE, USP, CRYSTAL**KC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>

FW 98.14

CAS #127-08-2

RTECS AJ3325000

Storage Code: Green

<b>4140AL (24483-010)</b>	500 g poly bottle	\$ 25.50
	6 x 500 g poly bottle	19.20

<b>4140NG (24483-200)</b>	2.5 kg poly bottle	85.90
	4 x 2.5 kg poly bottle	55.75

<b>4140PV (24483-250)</b>	12 kg carton	243.40
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<b>4140UC (24483-700)</b>	50 kg (110 lb) drum	428.55
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**POTASSIUM ACID PHTHALATE, PRIMARY STANDARD, ACS, CRYSTAL**

(Potassium Biphthalate)

KHC<sub>8</sub>H<sub>4</sub>O<sub>4</sub>

FW 204.22

CAS #877-24-7

Storage Code: Green

**Specifications**

Assay (Dried Basis) ..... 99.95 - 100.05%

pH of 0.05 Molar Solution at 25±0.2°C ..... 4.00 - 4.02

**Maximum Limits of Impurities**

Chlorine Compounds (as Cl) ..... 0.003%

Heavy Metals (as Pb) ..... 5 ppm

Insoluble Matter ..... 0.005%

Iron (Fe) ..... 5 ppm

Sodium (Na) ..... 0.005%

Sulfur Compounds (as S) ..... 0.002%

<b>4145LB (14512-115)</b>	125 g poly bottle	\$ 31.65
	6 x 125 g poly bottle	23.60

<b>4145AL (14512-010)</b>	500 g poly bottle	77.30
	6 x 500 g poly bottle	61.10

<b>4145NG (14512-200)</b>	2.5 kg poly bottle	187.85
	4 x 2.5 kg poly bottle	126.00

<b>4145PV (14512-250)</b>	12 kg carton	545.00
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<b>4145UC (14512-700)</b>	50 kg (110 lb) drum	1210.00
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**POTASSIUM ACID PHTHALATE (1 ml = 1 mg COD, A.S.T.M.)**

**9274CM (63260-033)** 500 ml poly bottle \$ 11.25

**POTASSIUM ACID PHTHALATE, 0.050 Normal (N/20), A.P.H.A.**

- for Acidity

**9277CM (63270-033)** 500 ml poly bottle \$ 12.45

**9277GA (63270-067)** 1 L poly bottle 18.65

**POTASSIUM BICARBONATE, ACS, CRYSTAL**

KHCO<sub>3</sub> FW 100.12  
CAS #298-14-6  
Storage Code: Green

**Specifications**

Assay (Dried Basis) .....	99.7 - 100.5%
	Maximum Limits of Impurities
Ammonium (NH <sub>4</sub> ) .....	5 ppm
Calcium, Magnesium & R <sub>2</sub> O <sub>3</sub> Precipitate .....	0.005%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.01%
Iron (Fe) .....	5 ppm
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Sodium (Na) .....	0.03%
Sulfur Compounds (as SO <sub>4</sub> ) .....	0.003%

**4155AL (14493-010)** 500 g poly bottle \$ 17.10  
6 x 500 g poly bottle 14.00

**4155NG (14493-200)** 2.5 kg poly bottle 51.25  
4 x 2.5 kg poly bottle 42.30

**4155PV (14493-250)** 12 kg carton 179.00

**4155VA (14493-955)** 136 kg (300 lb) drum 975.00

**POTASSIUM BICARBONATE, USP, FINE CRYSTAL**

KHCO<sub>3</sub> FW 100.12  
CAS #298-14-6  
Storage Code: Green

**4160AL (48243-010)** 500 g poly bottle \$ 14.70  
6 x 500 g poly bottle 11.80

**4160NG (48243-200)** 2.5 kg poly bottle 52.85  
4 x 2.5 kg poly bottle 45.20

**4160PV (48243-250)** 12 kg carton 140.45

**4160VA (8243-955)** 136 kg (300 lb) drum 676.05

**POTASSIUM BIFLUORIDE, PURIFIED, CRYSTAL**

KHF<sub>2</sub> FW 78.11  
DOT: Corrosive, Poison UN 1811  
CAS #7789-29-9 RTECS TS6650000  
Storage Code: White

**4165AL (54685-010)** 500 g poly bottle \$ 22.60

**4165NG (54685-200)** 2.5 kg poly bottle 73.30

**POTASSIUM BIODATE, PRIMARY STANDARD**

Standard for reference for alkalimetry and iodimetry

KH(IO <sub>3</sub> ) <sub>2</sub>	FW 389.94
DOT: Oxidizer	UN 1479
CAS #13455-24-8	
Storage Code: Yellow	

**Specifications**

Assay .....	Min. 99.9%
	Maximum Limits of Impurities
Chlorides & Bromides .....	0.02%
Heavy Metals (as Pb) .....	0.001%
Insolubles .....	0.01%
Iron (Fe) .....	0.001%
Sulfate .....	0.005%

<b>4170AH (14515-008)</b>	25 g poly bottle	\$ 27.70
<b>4170LA (14515-114)</b>	100 g poly bottle	67.90

**POTASSIUM BITARTRATE, PURIFIED, POWDER**

KHC <sub>4</sub> H <sub>4</sub> O <sub>6</sub>	FW 188.18
CAS #868-14-4	
Storage Code: Green	

<b>4175LA (54730-114)</b>	100 g poly bottle	\$ 9.75
<b>4175AL (54730-010)</b>	500 g poly bottle	25.90

**POTASSIUM BROMIDE, ACS, CRYSTAL**

KBr	FW 119.00
CAS #7758-02-3	RTECS TS7650000
Storage Code: Green	

**Specifications**

Assay .....	Min.99.0%
pH of a 5% solution at 25°C .....	5.0 - 8.8
	Maximum Limits of Impurities
Barium (Ba) .....	0.002%
Bromate (BrO <sub>3</sub> ) .....	0.001%
Calcium, Magnesium & R <sub>2</sub> O <sub>3</sub> Precipitate .....	0.005%
Chloride (Cl) .....	0.2%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iodate (IO <sub>3</sub> ) .....	0.001%
Iodide (I) .....	0.001%
Iron (Fe) .....	5 ppm
Nitrogen Compounds (as N) .....	0.005%
Sodium (Na) .....	0.02%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>4190AL (14543-010)</b>	500 g poly bottle	\$ 42.75
	6 x 500 g poly bottle	37.05
<b>4190NG (14543-200)</b>	2.5 kg poly bottle	154.35
	4 x 2.5 kg poly bottle	133.30
<b>4190PV (14543-250)</b>	12 kg carton	296.40
<b>4190UC (14543-700)</b>	50 kg (110 lb) drum	985.00

**POTASSIUM BROMIDE, PURIFIED, PHOTO GRADE, CRYSTAL**

KBr	FW 119.00
CAS #7758-02-3	RTECS TS7650000
Storage Code: Green	

<b>4195AL (54543-010)</b>	500 g poly bottle	\$ 19.50
	6 x 500 g poly bottle	16.20
<b>4195NG (54543-200)</b>	2.5 kg poly bottle	73.50
	4 x 2.5 kg poly bottle	50.75
<b>4195PV (54543-250)</b>	12 kg carton	176.40

**POTASSIUM CARBONATE, ANHYDROUS, ACS, GRANULAR**

K<sub>2</sub>CO<sub>3</sub> FW 138.21  
 CAS #584-08-7 RTECS TS7750000  
 Storage Code: Green

		<b>Specifications</b>
Assay .....		Min. 99.0%
		Maximum Limits of Impurities
Ammonium Hydroxide Precipitate .....		0.01%
Arsenic (As) .....		1 ppm
Calcium and Magnesium Precipitate .....		0.01%
Chloride (Cl) .....		0.003%
Heavy Metals (as Pb) .....		5 ppm
Insoluble Matter .....		0.01%
Iron (Fe) .....		5 ppm
Loss on Heating at 285°C .....		1.0%
Nitrogen Compounds (as N) .....		0.001%
Phosphate (PO <sub>4</sub> ) .....		0.001%
Silica (SiO <sub>2</sub> ) .....		0.005%
Sodium (Na) .....		0.02%
Sulfur Compounds (as SO <sub>4</sub> ) .....		0.004%

<b>4205AL (14572-010)</b>	500 g poly bottle	\$ 28.95
	6 x 500 g poly bottle	24.25
<b>4205NG (14572-200)</b>	2.5 kg poly bottle	94.90
	4 x 2.5 kg poly bottle	79.45
<b>4205PV (14572-250)</b>	12 kg carton	355.70
<b>4205UA (14572-600)</b>	45.4 kg (100 lb) drum	489.95

**POTASSIUM CHLORATE, ACS, CRYSTAL**

KClO<sub>3</sub> FW 122.55  
 DOT: Oxidizer UN 1485  
 CAS #3811-04-9 RTECS FO0350000  
 Storage Code: Yellow

		<b>Specifications</b>
Assay .....		Min. 99.0%
		Maximum Limits of Impurities
Arsenic (As) .....		0.5 ppm
Bromate (BrO <sub>3</sub> ) .....		0.015%
Calcium, Magnesium & R <sub>2</sub> O <sub>3</sub> Precipitate .....		0.005%
Chloride (Cl) .....		0.001%
Heavy Metals (as Pb) .....		5 ppm
Insoluble Matter .....		0.005%
Iron (Fe) .....		3 ppm
Nitrogen Compounds (as N) .....		0.001%
Sodium (Na) .....		0.01%
Sulfate (SO <sub>4</sub> ) .....		To Pass Test (approx. 0.002%)

<b>4225LB (14643-115)</b>	125 g poly bottle	\$ 23.50
	6 x 125 g poly bottle	19.90
<b>4225AL (14643-010)</b>	500 g poly bottle	36.00
	6 x 500 g poly bottle	28.70
<b>4225NG (14643-200)</b>	2.5 kg poly bottle	135.00
	4 x 2.5 kg poly bottle	127.00
<b>4225PW (14643-251)</b>	12 kg pail	490.00
<b>4225UC (14643-700)</b>	50 kg (110 lb) drum	1100.00

**POTASSIUM CHLORATE, PURIFIED, POWDER**

KClO<sub>3</sub> FW 122.55  
 DOT: Oxidizer UN 1485  
 CAS #3811-04-9 RTECS FO0350000  
 Storage Code: Yellow

<b>4230AL (54643-010)</b>	500 g poly bottle	\$ 25.90
	6 x 500 g poly bottle	22.65
<b>4230NG (54643-200)</b>	2.5 kg poly bottle	89.90
	4 x 2.5 kg poly bottle	79.00
<b>4230PV (54643-250)</b>	12 kg carton	124.25

**POTASSIUM CHLORIDE, ACS, CRYSTAL**

KCl FW 74.55  
 CAS #7447-40-7 RTECS TS8050000  
 Storage Code: Green

<b>Specifications</b>	
Assay .....	99.0 - 100.5%
pH of a 5% solution at 25°C .....	5.4 - 8.6
<b>Maximum Limits of Impurities</b>	
Barium (Ba) .....	To Pass Test (approx. 0.001%)
Bromide (Br) .....	To Pass Test (approx. 0.01%)
Calcium, Magnesium & R <sub>2</sub> O <sub>3</sub> Precipitate .....	0.005%
Chlorate and Nitrate (as NO <sub>3</sub> ) .....	0.003%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iodide (I) .....	0.002%
Iron (Fe) .....	3 ppm
Nitrogen Compounds (as N) .....	0.001%
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Sodium (Na) .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.001%

<b>4240LB (14673-115)</b>	125 g poly bottle	\$ 11.80
<b>4240AL (14673-010)</b>	500 g poly bottle	21.55
	6 x 500 g poly bottle	17.90
<b>4240NG (14673-200)</b>	2.5 kg poly bottle	67.40
	4 x 2.5 kg poly bottle	55.10
<b>4240PV (14673-250)</b>	12 kg carton	159.00
<b>4240UC (14673-700)</b>	50 kg (110 lb) drum	245.00

**POTASSIUM CHLORIDE, USP, CRYSTAL**

KCl FW 74.55  
 CAS #7447-40-7 RTECS TS8050000  
 Storage Code: Green

<b>4245AL (23933-010)</b>	500 g poly bottle	\$ 16.15
	6 x 500 g poly bottle	14.10
<b>4245NG (23933-200)</b>	2.5 kg poly bottle	55.55
	4 x 2.5 kg poly bottle	35.05
<b>4245PV (23933-250)</b>	12 kg carton	149.00
<b>4245UX (23933-950)</b>	113.6 kg (250 lb) drum	274.35

**POTASSIUM CHLORIDE, Saturated Aqueous**

for Refilling Calomel Reference Electrodes

<b>9289KK (63280-111)</b>	100 ml poly bottle	\$ 7.25
<b>9289CM (63280-033)</b>	500 ml poly bottle	9.30
<b>9289GA (63280-067)</b>	1 L poly bottle	17.45

**POTASSIUM CHLORIDE, 4 Molar, Saturated with Silver Chloride**

for Refilling pH Electrodes

<b>9286KK (63285-111)</b>	100 ml poly bottle	\$ 9.25
<b>9286CM (63285-033)</b>	500 ml poly bottle	12.05

**POTASSIUM CHLORIDE SOLUTIONS** in various percentages and normalities are available. Inquire for prices.



**POTASSIUM CHLOROPLATINATE**

K<sub>2</sub>PtCl<sub>6</sub> (40% Pt) FW 486.01  
 CAS #16921-30-5 RTECS TP1650000  
 Storage Code: Blue

**4250AD (54743-004)** 1 g poly bottle INQUIRE  
**4250AF (54743-006)** 5 g poly bottle INQUIRE

**POTASSIUM CHROMATE, 5% (w/v) Aqueous, A.P.H.A. - for Chloride**

**9298CM (63295-033)** 500 ml poly bottle \$ 10.25  
**9298GA (63295-067)** 1 L poly bottle 14.25

**POTASSIUM CHROMATE, 10% (w/v)**

**9295CM (63297-033)** 500 ml poly bottle \$ 11.25  
**9295GA (63297-067)** 1 L poly bottle 15.50

**POTASSIUM CHROMATE, ACS, CRYSTAL**

K<sub>2</sub>CrO<sub>4</sub> FW 194.19  
 DOT: Not Regulated(RQ 10 lb.)  
 CAS #7789-00-6 RTECS GB2940000  
 Storage Code: Blue

**Specifications**

Assay ..... Min. 99.0%  
 pH of a 5% solution at 25°C ..... 8.6 - 9.8  
 Maximum Limits of Impurities  
 Calcium (Ca) ..... 0.005%  
 Chloride (Cl) ..... 0.005%  
 Insoluble Matter ..... 0.005%  
 Sodium (Na) ..... 0.02%  
 Sulfate (SO<sub>4</sub>) ..... 0.03%

**4255LB (14702-115)** 125 g poly bottle \$ 24.70  
 6 x 125 g poly bottle 19.60  
**4255AL (14702-010)** 500 g poly bottle 48.95  
 6 x 500 g poly bottle 37.45  
**4255NG (14702-200)** 2.5 kg poly bottle 174.00  
 4 x 2.5 kg poly bottle 157.85  
**4255PV (14702-250)** 12 kg carton 719.53

**POTASSIUM CITRATE, USP(FCC), GRANULAR**

K<sub>3</sub>C<sub>6</sub>H<sub>5</sub>O<sub>7</sub>·H<sub>2</sub>O FW 324.42  
 CAS #6100-05-6 RTECS TS8300000  
 Storage Code: Green

**4270AL (23943-010)** 500 g poly bottle \$ 21.50  
 6 x 500 g poly bottle 16.90  
**4270NG (23943-200)** 2.5 kg poly bottle 58.00  
 4 x 2.5 kg poly bottle 53.60  
**4270PV (23943-250)** 12 kg carton 181.75  
**4270TR (23943-512)** 25 kg (55 lb) bag 199.15

**POTASSIUM CYANIDE, ACS, GRANULAR**

KCN FW 65.12  
 DOT: Poison UN 1680  
 CAS #151-50-8 RTECS TS8750000  
 Storage Code: Blue

**Specifications**

Assay (KCN) ..... Min. 96.0%  
 Maximum Limits of Impurities

Chloride (Cl) .....	0.5%
Iron, Total (as Fe) .....	0.03%
Lead (Pb) .....	2 ppm
Phosphate (PO4) .....	0.005%
Sodium (Na) .....	0.5%
Sulfate (SO4) .....	0.04%
Sulfide (S) .....	0.003%
Thiocyanate (SCN) .....	To Pass Test (approx. 0.02%)

<b>4275LB (14712-115)</b>	125 g poly bottle	\$ 28.50
	6 x 125 g poly bottle	21.00
<b>4275AL (14712-010)</b>	500 g poly bottle	55.00
	6 x 500 g poly bottle	44.00
<b>4275NG (14712-200)</b>	2.5 kg poly bottle	169.80
	4 x 2.5 Kg poly bottle	148.50
<b>4275UV (14712-945)</b>	100 kg (220 lb) drum	1,850.00

**POTASSIUM DICHROMATE, TECHNICAL, GRANULAR**

K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	FW 294.18
DOT: Oxidizer	UN 1479
CAS #7778-50-9	RTECS HX7680000
Storage Code: Yellow	

<b>4285AL (57512-010)</b>	500 g poly bottle	\$ 21.90
	6 x 500 g poly bottle	18.75
<b>4285NG (57512-200)</b>	2.5 kg poly bottle	68.85
	4 x 2.5 kg poly bottle	65.95
<b>4285PV (57512-250)</b>	12 kg carton	241.50
<b>4285UA (57512-600)</b>	45.4 kg (100 lb) drum	386.55

**POTASSIUM DICHROMATE, ACS, CRYSTAL**

K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	FW 294.18
DOT: Oxidizer	UN 1479
CAS #7778-50-9	RTECS HX7680000
Storage Code: Yellow	

	<b>Specifications</b>
Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Calcium (Ca) .....	0.003%
Chloride (Cl) .....	0.001%
Insoluble Matter and NH <sub>4</sub> OH Precipitate .....	0.005%
Loss on Drying .....	0.05%
Sodium (Na) .....	0.02%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>4280LB (14753-115)</b>	125 g poly bottle	\$ 31.65
	6 x 125 g poly bottle	23.55
<b>4280AL (14753-010)</b>	500 g poly bottle	45.00
	6 x 500 g poly bottle	39.00
<b>4280NG (14753-200)</b>	2.5 kg poly bottle	189.25
	4 x 2.5 kg poly bottle	134.80
<b>4280PV (14753-250)</b>	12 kg carton	540.95
<b>4280UA (14753-600)</b>	45.4 kg (100 lb) drum	1138.50

**POTASSIUM DICHROMATE, 0.250 Normal (N/40) Volumetric Solution**

<b>9304CM (63300-033)</b>	500 ml poly bottle	\$ 14.25
<b>9304GA (63300-067)</b>	1 L poly bottle	19.15

**POTASSIUM DICHROMATE SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**POTASSIUM FERRICYANIDE, ACS, CRYSTAL**

K<sub>3</sub>Fe(CN)<sub>6</sub> FW 329.26  
 CAS #13746-66-2 RTECS LJ8225000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.01%  
 Ferro Compounds [as Fe(CN)<sub>6</sub>]<sup>4-</sup> ..... 0.05%  
 Insoluble Matter ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... 0.01%

<b>4295LB (14773-115)</b>	125 g poly bottle	\$ 26.95
	6 x 125 g poly bottle	18.45
<b>4295AL (14773-010)</b>	500 g poly bottle	48.50
	6 x 500 g poly bottle	43.50
<b>4295NG (14773-200)</b>	2.5 kg poly bottle	175.50
	4 x 2.5 kg poly bottle	161.85
<b>4295PV (14773-250)</b>	12 kg carton	585.00
<b>4295UC (14773-700)</b>	50 kg (110 lb) drum	1360.00

**POTASSIUM FERRICYANIDE, PHOTO, CRYSTAL**

K<sub>3</sub>Fe(CN)<sub>6</sub> FW 329.26  
 CAS #13746-66-2 RTECS LJ8225000  
 Storage Code: Green

<b>4290AL (57523-010)</b>	500 g poly bottle	\$ 21.75
	6 x 500 g poly bottle	19.65
<b>4290NG (57523-200)</b>	2.5 kg poly bottle	72.05
	4 x 2.5 kg poly bottle	63.85
<b>4290PV (57523-250)</b>	12 kg carton	261.65
<b>4290UC (57523-700)</b>	50 kg (110 lb) drum	678.65

**POTASSIUM FERROCYANIDE, ACS**

K<sub>4</sub>Fe(CN)<sub>6</sub>·3H<sub>2</sub>O FW 422.39  
 CAS #14459-95-1 RTECS LJ8225000  
 Storage Code: Green

**Specifications**

Assay ..... 98.5 - 102.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.01%  
 Insoluble Matter ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... To Pass Test  
 (approx. 0.01%)

<b>4300AL (14783-010)</b>	500 g poly bottle	\$ 86.45
<b>4300NG (14783-200)</b>	2.5 kg poly bottle	228.75

**POTASSIUM FLUORIDE, REAGENT, CRYSTAL**

KF·2H<sub>2</sub>O FW 94.13  
 DOT: Poison UN 1812  
 CAS #13455-21-5 RTECS TT0700000  
 Storage Code: Blue

**Specifications**

Assay ..... 99.0 - 102.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.005%  
 Free Acid (as HF) ..... 0.02%  
 Free Alkali (as K<sub>2</sub>CO<sub>3</sub>) ..... 0.005%  
 Heavy Metals (as Pb) ..... 0.002%  
 Insoluble Matter ..... 0.001%  
 Iron (Fe) ..... 0.001%  
 Potassium Fluosilicate (K<sub>2</sub>SiF<sub>6</sub>) ..... 0.03%  
 Sulfate (SO<sub>4</sub>) ..... 0.005%

Sulfite (SO <sub>3</sub> ) .....		0.005%
<b>4315AL (14794-010)</b>	500 g poly bottle	\$ 81.85
	6 x 500 g poly bottle	68.55
<b>4315NG (14794-200)</b>	2.5 kg poly bottle	274.75
	4 x 2.5 kg poly bottle	263.90
<b>4315PV (14794-250)</b>	12 kg carton	642.90

**POTASSIUM FLUORIDE, ANHYDROUS, REAGENT, ACS**

KF	FW 58.10
DOT: Poison	UN 1812
CAS #7789-23-3	RTECS TT0700000
Storage Code: Blue	

**Specifications**

Assay (HF) .....	Min. 99.0%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.005%
Heavy Metals (as Pb) .....	0.001%
Iron (Fe) .....	0.001%
Potassium Fluosilicate (K <sub>2</sub> SiF <sub>6</sub> ) .....	0.1%
Sodium (Na) .....	0.2%
Sulfate .....	0.005%
Titration Acid .....	0.03 meq/g
Titration Base .....	0.01 meq/g

<b>4310LB (14793-115)</b>	125 g poly bottle	\$ 17.60
	6 x 125 g poly bottle	15.80
<b>4310AL (14793-010)</b>	500 g poly bottle	42.85
	6 x 500 g poly bottle	38.30
<b>4310NG (14793-200)</b>	2.5 kg poly bottle	148.90
	4 x 2.5 kg poly bottle	117.90
<b>4310PV (14793-250)</b>	12 kg carton	408.85

**POTASSIUM HYDROXIDE, USP/NF, PELLETS**

KOH	FW 56.11
DOT: Corrosive Material	UN 1813
CAS #1310-58-3	RTECS TT2100000
Storage Code: White	

<b>4350AL (25668-010)</b>	500 g poly bottle	\$ 23.05
	6 x 500 g poly bottle	17.40
<b>4350NG (25668-200)</b>	2.5 kg poly bottle	63.05
	4 x 2.5 kg poly bottle	52.25
<b>4350PV (25668-250)</b>	12 kg carton	176.15
<b>4350UA (25668-700)</b>	50 kg (110 lb) drum	300.80
	12 x 50 kg drum	231.70

**POTASSIUM HYDROXIDE, ACS, PELLETS**

KOH	FW 56.11
DOT: Corrosive Material	UN 1813
CAS #1310-58-3	RTECS TT2100000
Storage Code: White	

**Specifications**

Assay and Potassium Carbonate (K <sub>2</sub> CO <sub>3</sub> )	Min. 85% KOH and Max. 2.0% K <sub>2</sub> CO <sub>3</sub>
	Maximum Limits of Impurities
Ammonium Hydroxide Precipitate .....	0.02%
Chloride (Cl) .....	0.01%
Heavy Metals (as Ag) .....	0.001%
Iron (Fe) .....	0.001%
Nickel (Ni) .....	0.001%
Nitrogen Compounds (as N) .....	0.001%
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Sodium (Na) .....	0.05%
Sulfate (SO <sub>4</sub> ) .....	0.003%

<b>4325AL (14868-010)</b>	500 g poly bottle	\$ 21.65
	6 x 500 g poly bottle	17.90

<b>4325NG (14868-200)</b>	2.5 kg poly bottle	61.45
	4 x 2.5 kg poly bottle	52.80
<b>4325PV (14868-250)</b>	12 kg carton	175.15
<b>4325UC (14868-700)</b>	50 kg (110 lb) drum	340.50
	12 x 50 kg drum	286.70

**POTASSIUM HYDROXIDE, TECHNICAL, FLAKE**

KOH FW 56.11  
 DOT: Corrosive Material UN 1813  
 CAS #1310-58-3 RTECS TT2100000  
 Storage Code: White

<b>4340AL (57542-010)</b>	500 g poly bottle	\$ 14.25
	6 x 500 g poly bottle	8.65
<b>4340NG (57542-200)</b>	2.5 kg poly bottle	46.55
	4 x 2.5 kg poly bottle	29.10
<b>4340PV (57542-250)</b>	12 kg carton	122.65
<b>4340VC (57542-975)</b>	181.4 Kg (400 lb) st drum	795.00

**POTASSIUM HYDROXIDE, 45% SOLUTION, HIGH PURITY, REAGENT**

KOH FW 56.11 (1 L = 1.46 kg)  
 DOT: Corrosive Material UN 1814  
 CAS #1310-58-3 RTECS TT2100000  
 Storage Code: White

<b>Specifications</b>	
Assay (KOH) .....	Min. 45%
Maximum Limits of Impurities	
Iron (Fe) .....	2 ppm
Nickel (Ni) .....	5 ppm
Potassium Carbonate (K <sub>2</sub> CO <sub>3</sub> ) .....	0.2%
Chloride (Cl) .....	0.003%
Sulfate (SO <sub>4</sub> ) .....	0.001%
Ammonium Hydroxide Precipitate .....	0.005%
Sodium (Na) .....	0.03%
Nitrogen Compounds (as N) .....	5 ppm
Phosphate (PO <sub>4</sub> ) .....	2 ppm
Heavy Metals (as Ag) .....	5 ppm

<b>9351CM (67600-033)</b>	500 ml poly bottle	\$ 16.70
	6 x 500 ml poly bottle	13.10
<b>9351GD (67600-070)</b>	3.8 L poly bottle	60.10
	4 x 3.8 L poly bottle	53.50
<b>9351QF (67600-290)</b>	19 L ventflo carboy	280.00
<b>9351SA (67600-337)</b>	208 L (660 lb) drum	695.00

**POTASSIUM HYDROXIDE, 0.100 NORMAL (N/10) Volumetric Solution**

<b>9313CM (63310-033)</b>	500 ml poly bottle	\$ 8.25
<b>9313GA (63310-067)</b>	1 L poly bottle	12.35
<b>9313GD (63310-070)</b>	3.8 L poly bottle	26.30
<b>9313QH (63310-292)</b>	20 L Hedwin cube	60.95

**POTASSIUM HYDROXIDE, 0.500 NORMAL (N/2) Volumetric Solution**

<b>9322GA (63315-067)</b>	1 L poly bottle	\$ 14.35
<b>9322GD (63315-070)</b>	3.8 L poly bottle	31.45
<b>9322QH (63315-292)</b>	20 L Hedwin cube	66.50

**POTASSIUM HYDROXIDE, 1.000 NORMAL Volumetric Solution**

<b>9328GA (63320-067)</b>	1 L poly bottle	\$ 16.40
<b>9328GD (63320-070)</b>	3.8 L poly bottle	36.85
<b>9328QH (63320-292)</b>	20 L Hedwin cube	143.45

**POTASSIUM HYDROXIDE SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**POTASSIUM IODATE, ACS, POWDER**

KIO <sub>3</sub>	FW 214.00
DOT: Oxidizer	UN 1479
CAS #7758-05-6	RTECS NN1350000
Storage Code: Yellow	

**Specifications**

Assay .....	99.4 - 100.4%
pH of a 5% solution at 25°C .....	5.0 - 8.0
	<b>Maximum Limits of Impurities</b>
Chloride and Bromide (as Cl) .....	0.01%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iodide (I) .....	0.001%
Iron (Fe) .....	0.001%
Nitrogen Compounds (as N) .....	0.005%
Sodium (Na) .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>4360AH (14911-008)</b>	25 g poly bottle	\$ 18.15
<b>4360LB (14911-115)</b>	125 g poly bottle	47.35
	6 x 125 g poly bottle	33.60
<b>4360AL (14911-010)</b>	500 g poly bottle	95.05
	6 x 500 g poly bottle	79.60
<b>4360NG (14911-200)</b>	2.5 kg poly bottle	466.00
	4 x 2.5 kg poly bottle	362.70
<b>4360PV (14911-250)</b>	12 kg carton	513.50

**POTASSIUM IODIDE, USP, GRANULAR**

KI	FW 166.00
CAS #7681-11-0	RTECS TT2975000
Storage Code: Green	

<b>4375LB (23948-115)</b>	125 g poly bottle	\$ 17.15
<b>4375AL (23948-010)</b>	500 g poly bottle	62.10
	6 x 500 g poly bottle	43.55
<b>4375NG (23948-200)</b>	2.5 kg poly bottle	245.05
	4 x 2.5 kg poly bottle	196.30
<b>4375PV (23948-250)</b>	12 kg carton	627.15
<b>4375UA (23948-600)</b>	45.4 kg (100 lb) drum	1645.00
	12 x 45.4 kg drum	1606.10

**POTASSIUM IODIDE, ACS, GRANULAR**

KI	FW 166.00
CAS #7681-11-0	RTECS TT2975000
Storage Code: Green	

**Specifications**

Assay .....	Min. 99.0%
pH of a 5% solution at 25°C .....	6.0 - 9.2
	<b>Maximum Limits of Impurities</b>
Barium (Ba) .....	0.002%
Calcium, Magnesium & R <sub>2</sub> O <sub>3</sub> Precipitate .....	0.005%
Chloride and Bromide (as Cl) .....	0.01%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iodate (IO <sub>3</sub> ) .....	3 ppm
Iron (Fe) .....	3 ppm
Loss on Drying at 150°C .....	0.2%

Nitrogen Compounds (as N) .....	0.001%
Phosphate (PO4) .....	0.001%
Sodium (Na) .....	0.005%
Sulfate (SO4) .....	0.005%

<b>4370LB (14928-115)</b>	125 g poly bottle	\$ 32.80
	6 x 125 g poly bottle	23.60
<b>4370AL (14928-010)</b>	500 g poly bottle	81.70
	6 x 500 g poly bottle	64.75
<b>4370NG (14928-200)</b>	2.5 kg poly bottle	296.90
	4 x 2.5 kg poly bottle	243.05
<b>4370PV (14928-250)</b>	12 kg carton	848.85
<b>4370UA (14928-600)</b>	45.4 kg (100 lb) drum	1742.80

**POTASSIUM IODIDE, 0.5% (w/v) Aqueous Solution, A.P.H.A.**  
for Chlorine

<b>9373KK (63323-111)</b>	100 ml poly bottle	\$ 7.25
<b>9373CM (63323-033)</b>	500 ml poly bottle	19.25

**POTASSIUM METABISULFITE, REAGENT, GRANULAR**

K<sub>2</sub>S<sub>2</sub>O<sub>5</sub> FW 222.32  
CAS #16731-55-8 RTECS TT4920000  
Storage Code: Green

<b>4380AL (14965-010)</b>	500 g poly bottle	\$ 29.65
	6 x 500 g poly bottle	24.25
<b>4380NG (14965-200)</b>	2.5 kg poly bottle	99.75
	4 x 2.5 kg poly bottle	83.85

**POTASSIUM METAL, PURIFIED, LUMPS**

K AW 39.10  
DOT: Dangerous When Wet UN 2257  
CAS #7440-09-7 RTECS TS6460000  
Storage Code: Red

<b>4385JA (14454-091)</b>	30 g bottle w/can	\$ 71.35
<b>4385LH (14454-121)</b>	125 g bottle w/can	303.55
<b>4385BF (14454-017)</b>	500 g bottle w/can	1,217.95

**POTASSIUM NITRATE, ACS, CRYSTAL**

KNO<sub>3</sub> FW 101.10  
DOT: Oxidizer UN 1486  
CAS #7757-79-1 RTECS TT3700000  
Storage Code: Yellow

**Specifications**

Assay .....	Min. 99.0%
pH of a 5% solution at 25°C .....	4.5 - 8.5
Maximum Limits of Impurities	
Calcium, Magnesium & R <sub>2</sub> O <sub>3</sub> Precipitate .....	0.01%
Chloride (Cl) .....	0.002%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iodate (IO <sub>3</sub> ) .....	5 ppm
Iodate and Nitrite .....	To Pass Test
	(approx. 5 ppm IO <sub>3</sub> and 0.001% NO <sub>2</sub> )
Iron (Fe) .....	3 ppm
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Sodium (Na) .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.003%

<b>4390AL (14973-010)</b>	500 g poly bottle	\$ 38.80
	6 x 500 g poly bottle	31.00

<b>4390NG (14973-200)</b>	2.5 kg poly bottle	119.45
	4 x 2.5 kg poly bottle	94.25
<b>4390PV (14973-250)</b>	12 kg carton	419.45
<b>4390UC (14973-700)</b>	50 kg (110 lb) drum	715.95

**POTASSIUM NITRATE, TECHNICAL, POWDER (w/anti-cake)**

KNO<sub>3</sub> FW 101.10  
 DOT: Oxidizer UN 1486  
 CAS #7757-79-1 RTECS TT3700000  
 Storage Code: Yellow

<b>4400AL (26591-010)</b>	500 g poly bottle	\$ 15.50
	6 x 500 g poly bottle	13.25
<b>4400NG (26591-200)</b>	2.5 kg poly bottle	31.55
	4 x 2.5 kg poly bottle	27.05
<b>4400PV (26591-250)</b>	12 kg carton	95.00
<b>4400TQ (26591-510)</b>	22.7 kg (50 lb) bag	130.00
	10 x 22.7 kg (50 lb) bag	85.00

**POTASSIUM NITRITE, ACS, CRYSTAL**

KNO<sub>2</sub> FW 85.10  
 DOT: Oxidizer UN 1488  
 CAS #7758-09-0 RTECS TT3750000  
 Storage Code: Yellow

**Specifications**

Assay .....	Min. 96.0%
	Maximum Limits of Impurities
Calcium, Magnesium and R <sub>2</sub> O <sub>3</sub> Precipitate .....	0.01%
Chloride (Cl) .....	0.03%
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Sodium (Na) .....	0.5%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>4405LA (14983-114)</b>	100 g poly bottle	\$ 27.95
<b>4405AL (14983-010)</b>	500 g poly bottle	79.00
	6 x 500 g poly bottle	64.90
<b>4405NG (14983-200)</b>	2.5 kg poly bottle	338.90
	4 x 2.5 kg poly bottle	293.65

**POTASSIUM OXALATE, MONOHYDRATE, ACS, CRYSTAL**

K<sub>2</sub>C<sub>2</sub>O<sub>4</sub>·H<sub>2</sub>O FW 184.23  
 DOT: Poison UN 2449  
 CAS #6487-48-5 RTECS RO2885000  
 Storage Code: White

**Specifications**

Assay .....	98.5 - 101.0%
Neutrality .....	To Pass Test
Substances Darkened by Hot Sulfuric Acid .....	To Pass Test
	Maximum Limits of Impurities
Ammonium (NH <sub>4</sub> ) .....	0.002%
Chloride (Cl) .....	0.002%
Heavy Metals (as Pb) .....	0.002%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Sodium (Na) .....	0.02%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>4410LB (15003-115)</b>	125 g poly bottle	\$ 19.20
<b>4410AL (15003-010)</b>	500 g poly bottle	56.10
	6 x 500 g poly bottle	44.10



<b>4410NG (15003-200)</b>	2.5 kg poly bottle	186.70
	4 x 2.5 kg poly bottle	168.50
<b>4410PV (15003-250)</b>	12 kg carton	627.05

**POTASSIUM PERCHLORATE, PURIFIED, POWDER**

KClO<sub>4</sub> FW 138.55  
 DOT: Oxidizer UN 1489  
 CAS #7778-74-7 RTECS SC9700000  
 Storage Code: Yellow

<b>4415NG (57801-200)</b>	2.5 kg poly bottle	\$ 48.65
<b>4415PV (57801-250)</b>	12 kg carton	152.65
<b>4415UX (57801-950)</b>	113.6 kg (250 lb) drum	564.10

**POTASSIUM PERIODATE, META, ACS, GRANULAR**

KIO<sub>4</sub> FW 230.00  
 DOT: Oxidizer UN 1479  
 CAS #7790-21-8  
 Storage Code: Yellow

<b>Specifications</b>	
Assay (Dried Basis) .....	99.8 - 100.3%
Maximum Limits of Impurities	
Manganese (Mn) .....	1 ppm
Other Halogens (as Cl) .....	0.01%

<b>4420AH (15033-008)</b>	25 g poly bottle	\$ 15.30
<b>4420LB (15033-115)</b>	125 g poly bottle	45.95
<b>4420AL (15033-010)</b>	500 g poly bottle	99.10

**POTASSIUM PERMANGANATE, ACS, CRYSTAL**

KMnO<sub>4</sub> FW 158.04  
 DOT: Oxidizer UN 1490  
 CAS #7722-64-7 RTECS SD6475000  
 Storage Code: Yellow

<b>Specifications</b>	
Assay .....	Min. 99.0%
Maximum Limits of Impurities	
Chloride and Chlorate (as Cl) .....	0.005%
Insoluble Matter .....	0.2%
Nitrogen Compounds (as N) .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.02%

<b>4425LB (15053-115)</b>	125 g poly bottle	\$ 18.15
<b>4425AL (15053-010)</b>	500 g poly bottle	41.90
	6 x 500 g poly bottle	28.95
<b>4425NG (15053-200)</b>	2.5 kg poly bottle	99.55
	4 x 2.5 kg poly bottle	88.30
<b>4425PV (15053-250)</b>	12 kg carton	353.05
<b>4425UC (15053-700)</b>	50 kg (110 lb) drum	485.35

**POTASSIUM PERMANGANATE, USP, CRYSTAL**

KMnO4 FW 158.04  
DOT: Oxidizer UN 1490  
CAS #7722-64-7 RTECS SD6475000  
Storage Code: Yellow

<b>4440AL (23953-010)</b>	500 g poly bottle	\$ 22.00
	6 x 500 g poly bottle	19.15
<b>4440NG (23953-200)</b>	2.5 kg poly bottle	102.75
	4 x 2.5 kg poly bottle	84.05
<b>4440PV (23953-250)</b>	12 kg carton	270.10
<b>4440UC (23953-700)</b>	50 kg (110 lb) drum	405.00

**POTASSIUM PERMANGANATE SOLUTION**

Forage Fiber Analysis

<b>9397FC (63324-057)</b>	1 L glass bottle	\$ 11.00
<b>9397ML (63324-150)</b>	4 L glass bottle	23.30

**POTASSIUM PERMANGANATE, 0.010 Normal (N/100)**

<b>9385FC (63325-057)</b>	1 L glass bottle	\$ 12.35
<b>9385ML (63325-150)</b>	4 L glass bottle	24.00

**POTASSIUM PERMANGANATE, 0.100 Normal (N/10)**

<b>9388FC (63330-057)</b>	1 L glass bottle	\$ 14.00
<b>9388ML (63330-150)</b>	4 L glass bottle	35.00

**POTASSIUM PERMANGANATE SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**POTASSIUM PERSULFATE, ACS**

K2S2O8 FW 270.33  
DOT: Oxidizer UN 1492  
CAS #7727-21-1 RTECS SE0400000  
Storage Code: Yellow

**Specifications**

Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Chlorine Compounds (as Cl) .....	0.001%
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Manganese (Mn) .....	2 ppm
Nitrogen Compounds (as N) .....	0.001%

<b>4445AL (15093-010)</b>	500 g poly bottle	\$ 35.25
	6 x 500 g poly bottle	28.95
<b>4445NG (15093-200)</b>	2.5 kg poly bottle	129.65
	4 x 2.5 kg poly bottle	106.10
<b>4445PV (15093-250)</b>	12 kg carton	345.25

**POTASSIUM PHOSPHATE, DIBASIC, ANHYDROUS, ACS, POWDER**

K<sub>2</sub>HPO<sub>4</sub> FW 174.18  
 CAS #7758-11-4  
 Storage Code: Green

		<b>Specifications</b>
Assay .....		Min. 98.0%
pH of a 5% solution at 25°C .....		8.5 - 9.6
		<b>Maximum Limits of Impurities</b>
Chloride (Cl) .....		0.003%
Heavy Metals (as Pb) .....		5 ppm
Insoluble Matter .....		0.01%
Iron (Fe) .....		0.001%
Loss on Drying at 105°C .....		1.0%
Nitrogen Compounds (as N) .....		0.001%
Sodium (Na) .....		0.05%
Sulfate (SO <sub>4</sub> ) .....		0.005%

<b>4465LB (15091-115)</b>	125 g poly bottle	\$ 18.50
<b>4465AL (15091-010)</b>	500 g poly bottle	41.55
	6 x 500 g poly bottle	28.60
<b>4465NG (15091-200)</b>	2.5 kg poly bottle	168.80
	4 x 2.5 kg poly bottle	138.20
<b>4465PV (15091-250)</b>	12 kg carton	536.15
	4 x 12 kg carton	485.85
<b>4465UC (15091-700)</b>	50 kg (110 lb) drum	560.55
	12 x 50 kg drum	534.00
	24 x 50 kg drum	467.30

**POTASSIUM PHOSPHATE, DIBASIC, ANHYDROUS, FCC**

K<sub>2</sub>HPO<sub>4</sub> FW 174.18  
 CAS #7758-11-4  
 Storage Code: Green

<b>4470NG (48273-200)</b>	2.5 kg poly bottle	\$ 42.85
<b>4470PV (48273-250)</b>	12 kg carton	180.30

**POTASSIUM PHOSPHATE, MONOBASIC, ACS, CRYSTAL**

KH<sub>2</sub>PO<sub>4</sub> FW 136.09  
 CAS #7778-77-0  
 Storage Code: Green

		<b>Specifications</b>
Assay .....		Min. 99.0%
pH of a 5% solution at 25°C .....		4.1 - 4.5
		<b>Maximum Limits of Impurities</b>
Chloride (Cl) .....		0.001%
Heavy Metals (as Pb) .....		0.001%
Insoluble Matter, Calcium and Ammonium Hydroxide Precipitate .....		0.01%
Iron (Fe) .....		0.002%
Loss on Drying over Sulfuric Acid .....		0.2%
Nitrogen Compounds (as N) .....		0.001%
Sodium (Na) .....		0.005%
Sulfate (SO <sub>4</sub> ) .....		0.003%

<b>4475AL (15113-010)</b>	500 g poly bottle	\$ 23.45
	6 x 500 g poly bottle	18.55
<b>4475NG (15113-200)</b>	2.5 kg poly bottle	95.60
	4 x 2.5 kg poly bottle	70.45
<b>4475PV (15113-250)</b>	12 kg carton	339.60
<b>4475UC (15113-700)</b>	50 kg (110 lb) drum	378.50
	12 x 50 kg drum	345.00

**POTASSIUM PHOSPHATE, MONOBASIC, FCC**KH<sub>2</sub>PO<sub>4</sub> FW 136.09

CAS #7778-77-0

Storage Code: Green

<b>4480AL (48253-010)</b>	500 g poly bottle	\$ 13.50
<b>4480NG (48253-200)</b>	2.5 kg poly bottle	44.50
	4 x 2.5 kg poly bottle	38.85
<b>4480PV (48253-250)</b>	12 kg carton	149.70

**POTASSIUM PHOSPHATE, TRIBASIC, REAGENT**K<sub>3</sub>PO<sub>4</sub>·xH<sub>2</sub>O

CAS #7778-53-2

Storage Code: Green

<b>4490LA (15095-114)</b>	100 g poly bottle	\$ 23.15
<b>4490AL (15095-010)</b>	500 g poly bottle	42.45
	6 x 500 g poly bottle	37.30

**POTASSIUM SODIUM TARTRATE, ACS, CRYSTAL**KOCO(CHOH)<sub>2</sub>COONa! 4H<sub>2</sub>O FW 282.23

CAS #6381-59-5

Storage Code: Green

	<b>Specifications</b>
Assay .....	99.0 - 102.0%
pH of a 5% solution at 25°C .....	6.0 - 8.5
	<b>Maximum Limits of Impurities</b>
Ammonium (NH <sub>4</sub> ) .....	0.002%
Calcium (Ca) .....	0.005%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Phosphate (PO <sub>4</sub> ) .....	0.002%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>4500AL (15163-010)</b>	500 g poly bottle	\$ 46.20
	6 x 500 g poly bottle	38.05
<b>4500NG (15163-200)</b>	2.5 kg poly bottle	184.00
	4 x 2.5 kg poly bottle	131.45
<b>4500PV (15163-250)</b>	12 kg carton	478.00

**POTASSIUM SODIUM TARTRATE, USP, POWDER**KNaC<sub>4</sub>H<sub>4</sub>O<sub>6</sub>! 4H<sub>2</sub>O FW 282.23

CAS #6381-59-5

Storage Code: Green

<b>4510AL (45961-010)</b>	500 g poly bottle	\$ 23.25
	6 x 500 g poly bottle	19.15
<b>4510NG (45961-200)</b>	2.5 kg poly bottle	77.40
	4 x 2.5 kg poly bottle	64.10
<b>4510PV (45961-250)</b>	12 kg carton	275.35

**POTASSIUM SORBATE, NF/FCC, GRANULAR**CH<sub>3</sub>(CH)<sub>4</sub>COOK FW 150.22

CAS #590-00-1 RTECS WG2160000

Storage Code: Green

<b>4515AL (48262-010)</b>	500 g poly bottle	\$ 36.00
	6 x 500 g poly bottle	32.10
<b>4515PB (48262-210)</b>	2.5 kg carton	85.10
	4 x 2.5 kg carton	79.65
<b>4515UA (48262-600)</b>	45.4 kg (100 lb) drum	692.65

**POTASSIUM SULFATE, ACS, GRANULAR**

K<sub>2</sub>SO<sub>4</sub> FW 174.26  
 CAS #7778-80-5 RTECS TT5900000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99.0%  
 pH of a 5% solution at 25°C ..... 5.5 - 8.5  
 Maximum Limits of Impurities

Arsenic (As) ..... 2 ppm  
 Calcium, Magnesium & R<sub>2</sub>O<sub>3</sub> Precipitate ..... 0.02%  
 Chloride (Cl) ..... 0.001%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 5 ppm  
 Nitrogen Compounds (as N) ..... 5 ppm  
 Sodium (Na) ..... 0.02%

<b>4520AL (15152-010)</b>	500 g poly bottle	\$ 20.30
	6 x 500 g poly bottle	16.35
<b>4520NG (15152-200)</b>	2.5 kg poly bottle	76.90
	4 x 2.5 kg poly bottle	68.45
<b>4520PV (15152-250)</b>	12 kg carton	290.85
<b>4520UC (15152-700)</b>	50 kg (110 lb) drum	535.75
<b>4520VB (15152-970)</b>	170 kg (375 lb) drum	1,790.85

**POTASSIUM SULFATE, GRANULAR, PURIFIED**

K<sub>2</sub>SO<sub>4</sub> FW 174.26  
 CAS #7778-80-5 RTECS TT5900000  
 Storage Code: Green

<b>4530NG (57572-200)</b>	2.5 kg poly bottle	\$ 58.95
	4 x 2.5 kg poly bottle	48.25
<b>4530PV (57572-250)</b>	12 kg carton	162.95
<b>4530VA (57572-955)</b>	136 kg (300 lb) drum	912.70

**POTASSIUM THIOCYANATE, ACS, CRYSTAL**

KSCN FW 97.18  
 CAS #333-20-0 RTECS XL1925000  
 Storage Code: Green

**Specifications**

Appearance ..... Colorless or white crystals  
 Assay ..... Min. 99.0%  
 pH of a 5% solution at 25°C ..... 5.3 - 8.7  
 Maximum Limits of Impurities

Ammonium (NH<sub>4</sub>) ..... 0.003%  
 Chloride (Cl) ..... 0.005%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble in Alcohol ..... 0.01%  
 Insoluble in Water ..... 0.005%  
 Iodine-Consuming Substances ..... To Pass Test  
 Iron (Fe) ..... 2 ppm  
 Sodium (Na) ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... 0.005%

<b>4540LB (15183-115)</b>	125 g poly bottle	\$ 26.95
	6 x 125 g poly bottle	20.50
<b>4540AL (15183-010)</b>	500 g poly bottle	55.45
	6 x 500 g poly bottle	38.45
<b>4540NG (15183-200)</b>	2.5 kg poly bottle	180.10
	4 x 2.5 kg poly bottle	139.40
<b>4540PV (15183-250)</b>	12 kg carton	565.10
<b>4540UC (15183-700)</b>	50 kg (110 lb) drum	895.25

**POTASSIUM THIOCYANATE, PURIFIED CRYSTALS**

KSCN FW 97.18  
 CAS #333-20-0 RTECS XL1925000  
 Storage Code: Green

<b>4545AL (57583-010)</b>	500 g poly bottle	\$ 39.00
	6 x 500 g poly bottle	35.40
<b>4545NG (57583-200)</b>	2.5 kg poly bottle	142.15
<b>4545PV (57583-250)</b>	12 kg carton	462.25

**POTASSIUM THIOCYANATE, 0.100 NORMAL (N/10)**

<b>9412GA (63335-067)</b>	1 L poly bottle	\$ 14.15
<b>9412GD (63335-070)</b>	3.8 L poly bottle	38.85

**POTASSIUM THIOCYANATE SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**PROPIONIC ACID, REAGENT**

C<sub>2</sub>H<sub>5</sub>COOH FW 74.08 (1 L = 1.00 kg)  
 DOT: Corrosive Material UN 1848  
 CAS #79-09-4 RTECS UE5950000  
 Storage Code: Red

**Specifications**

Assay .....	Min. 99.0%
Boiling Range (1-95%) .....	2.0°C
Density (g/ml) at 20°C .....	0.990 - 0.994
	<b>Maximum Limits of Impurities</b>
Residue After Evaporation .....	0.010%
Water .....	0.15%

<b>4560CF (15180-028)</b>	473 ml poly bottle	\$ 19.50
	6 x 473 ml poly bottle	17.45
<b>4560GD (15180-070)</b>	3.8 L poly bottle	77.30
	4 x 3.8 L poly bottle	67.40

**n-PROPYL ALCOHOL, REAGENT**

CH<sub>3</sub>(CH<sub>2</sub>)<sub>2</sub>OH FW 60.10 (1 L = 0.804 kg)  
 DOT: Flammable Liquid UN 1274  
 CAS #71-23-8 RTECS UH8225000  
 Storage Code: Red

<b>4565CH (13240-030)</b>	500 ml glass bottle	\$ 15.55
	6 x 500 ml glass bottle	10.90
<b>4565ML (13240-150)</b>	4 L glass bottle	52.55
	4 x 4 L glass bottle	41.20
<b>4565QC (13240-280)</b>	20 L steel drum	164.15

**PROPYLENE GLYCOL, USP/FCC**

CH<sub>3</sub>CH(OH)CH<sub>2</sub>OH FW 76.10  
 CAS #57-55-6 RTECS TY2000000  
 Storage Code: Green

<b>4570CM (25670-033)</b>	500 ml poly bottle	\$ 17.15
	6 x 500 ml poly bottle	14.15
<b>4570GD (25670-070)</b>	3.8 L poly bottle	45.80
	4 x 3.8 L poly bottle	33.75
<b>4570QC (25670-280)</b>	20 L steel drum	164.90

**PUMICE, FFF, POWDER**

Storage Code: Green

<b>4577AL (57751-010)</b>	500 g poly bottle	\$ 13.50
<b>4577NG (57751-200)</b>	2.5 kg poly bottle	20.55
<b>4577PV (57751-250)</b>	12 kg carton	60.00
<b>4577TQ (57751-510)</b>	22.7 kg (50 lb) bag	65.00
	20 x 22.7 kg bag	50.00

**PYRIDINE, ACS**

C<sub>5</sub>H<sub>5</sub>N                      FW 79.10                      (1 L = 0.978 kg)  
 DOT: Flammable Liquid, Poison                      UN 1282  
 CAS #110-86-1                      RTECS UR8400000  
 Storage Code: Red

**Specifications**

Assay .....	Min. 99.0%
Solubility in Water .....	To Pass Test
<b>Maximum Limits of Impurities</b>	
Ammonia (NH <sub>3</sub> ) .....	0.002%
Chloride (Cl) .....	0.001%
Copper (Cu) .....	To Pass Test
	(approx. 5 ppm)
Reducing Substances .....	To Pass Test
Residue After Evaporation .....	0.002%
Sulfate (SO <sub>4</sub> ) .....	0.001%
Water .....	0.1%

<b>4580CH (15200-030)</b>	500 ml glass bottle	\$ 46.30
	6 x 500 ml glass bottle	37.65
<b>4580ML (15200-150)</b>	4 L glass bottle	266.20
	4 x 4 L glass bottle	216.65
<b>4580RW (15200-333)</b>	204 L (440 lb) drum	2,952.50

**PYROGALLIC ACID, ACS, CRYSTAL (Pyrogallol)**

C<sub>6</sub>H<sub>3</sub>(OH)<sub>3</sub>                      FW 126.11  
 CAS #87-66-1                      RTECS UX2800000  
 Storage Code: Blue

**Specifications**

Melting Point Range .....	within 2.0°C between 131.0°C - 135.0°C
<b>Maximum Limits of Impurities</b>	
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Iron (Fe) .....	0.001%
Residue After Ignition .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>4595AH (15207-008)</b>	25 g poly bottle	\$ 22.60
	6 x 25 g poly bottle	19.15
<b>4595LB (15207-115)</b>	125 g poly bottle	87.00
	6 x 125 g poly bottle	79.35
<b>4595AL (15207-010)</b>	500 g poly bottle	235.40
	6 x 500 g poly bottle	214.40
<b>4595PV (15207-250)</b>	12 kg carton	1,665.00

**REAGENT ALCOHOL, ABSOLUTE**

(Specially denatured Alcohol Formula 3A: 95 parts by volume,  
 Isopropyl Alcohol 5 parts by volume)                      (1 L = 0.789 kg)  
 DOT: Flammable Liquid                      NA 1987  
 Storage Code: Red

<b>4615CH (15240-030)</b>	500 ml glass bottle	\$ 18.50
	6 x 500 ml glass bottle	11.75
<b>4615HB (15240-080)</b>	4 L poly bottle	34.95
	4 x 4 L poly bottle	27.45
<b>4615ML (15240-150)</b>	4 L glass bottle	39.10
	4 x 4 L glass bottle	32.65

**SAFRANINE O, C.I. 50240**

C<sub>20</sub>H<sub>19</sub>N<sub>4</sub>Cl FW 350.85  
 CAS #477-73-6 RTECS SG1623000  
 Storage Code: Green

**9457AH (78550-008)** 25 g poly bottle \$ 34.55

**SAFRANINE O, AQUEOUS - ALCOHOLIC GRAM COUNTER STAIN**

**9454KK (63345-111)** 100 ml poly bottle \$ 9.65

**9454CM (63345-033)** 500 ml poly bottle 14.80

**9454GA (63345-067)** 1 L poly bottle 19.25

**SALICYLIC ACID, ACS, CRYSTAL**

C<sub>6</sub>H<sub>4</sub>(OH)COOH FW 138.12  
 CAS #69-72-7 RTECS VO0525000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99.0%  
 Melting Point ..... 158.0 - 161.0°C  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.001%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Iron (Fe) ..... 2 ppm  
 Residue After Ignition ..... 0.01%  
 Substances Darkened by Sulfuric Acid ..... To Pass Test  
 Sulfate (SO<sub>4</sub>) ..... 0.003%

**4655LB (15233-115)** 125 g poly bottle \$ 18.50  
 6 x 125 g poly bottle 14.80

**4655AL (15233-010)** 500 g poly bottle 29.00  
 6 x 500 g poly bottle 25.05

**4655NG (15233-200)** 2.5 kg poly bottle 98.85  
 4 x 2.5 kg poly bottle 89.55

**SALICYLIC ACID, USP, POWDER**

C<sub>6</sub>H<sub>4</sub>(OH)COOH FW 138.12  
 CAS #69-72-7 RTECS VO0525000  
 Storage Code: Green

**4665LB (25873-115)** 125 g poly bottle \$ 14.10  
 6 x 125 g poly bottle 11.90

**4665AL (25873-010)** 500 g poly bottle 18.65  
 6 x 500 g poly bottle 15.50

**4665NG (25873-200)** 2.5 kg poly bottle 64.40

**SILICA GEL, INDICATING, 10-18 MESH, ACS**

CAS #1343-98-2  
 Storage Code: Green

**Specifications**

Suitability for Moisture Absorption ..... To Pass Test

**4701AL NEW ITEM** 500 g poly bottle \$ 30.90  
 6 x 500 g poly bottle 25.30

**4701NG NEW ITEM** 2.5 kg poly bottle 144.25  
 4 x 2.5 kg poly bottle 118.00

**4701PV NEW ITEM** 12 kg carton 470.00



**SILICA GEL, 60-200 MESH (GRADE 62)**

CAS #1343-98-2

Storage Code: Green

<b>4695LJ (15255-122)</b>	250 g poly bottle	\$ 31.40
<b>4695AL (15255-010)</b>	500 g poly bottle	62.85
<b>4695NG (15255-200)</b>	2.5 kg poly bottle	203.40
<b>4695PV (15255-250)</b>	12 kg carton	542.00

SILICA GEL (Available in various mesh sizes. Please inquire)

**SILICON, POWDER**

Si AW 28.09

DOT: Flammable Solid UN 1346

CAS #7440-21-3 RTECS VW 0400000

Storage Code: Red

<b>4710AL (54825-010)</b>	500 g poly bottle	\$ 30.30
<b>4710NG (54825-200)</b>	2.5 kg poly bottle	134.25

**SILVER ACETATE, POWDER**AgC<sub>2</sub>H<sub>3</sub>O<sub>2</sub> FW 166.92

CAS #563-63-3 RTECS AJ4100000

Storage Code: Green

<b>4715BE (15271-016)</b>	10 g glass bottle	\$ 26.70
<b>4715JB (15271-092)</b>	125 g glass bottle	105.15

**SILVER CHLORIDE, REAGENT, POWDER**

AgCl FW 143.34

CAS #7783-90-6

Storage Code: Green

<b>4720AH (15287-008)</b>	25 g poly bottle	\$ 34.50
<b>4720LB (15287-115)</b>	125 g poly bottle	139.45

**SILVER CYANIDE, PURIFIED, POWDER**

AgCN FW 133.90

DOT: Poison UN 1684

CAS #506-64-9 RTECS VW 3850000

Storage Code: Blue

<b>4725LB (15300-115)</b>	125 g poly bottle	\$ 145.55
<b>4725AL (15300-010)</b>	500 g poly bottle	535.40

**SILVER NITRATE, ACS, CRYSTAL**AgNO<sub>3</sub> FW 169.87

DOT: Oxidizer UN 1493

CAS #7761-88-8 RTECS VW 4725000

Storage Code: Yellow

**Specifications**

Assay .....	Min. 99.0%
Clarity of Solution .....	To Pass Test
	Maximum Limits of Impurities
Chloride (Cl) .....	5 ppm
Copper (Cu) .....	2 ppm
Free Acid .....	To Pass Test
Iron (Fe) .....	2 ppm
Lead (Pb) .....	0.001%
Substances not Precipitated by Hydrochloric Acid .....	0.01%
Sulfate .....	0.002%

<b>4730AH (15303-008)</b>	25 g poly bottle	\$ 24.85
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<b>4730LB (15303-115)</b>	125 g poly bottle	78.85
<b>4730AL (15303-010)</b>	500 g poly bottle	326.65
	6 X 500 g poly bottle	265.35
<b>4730NG (15303-200)</b>	2.5 kg poly bottle	INQUIRE

**SILVER NITRATE, 10% (w/v) AQUEOUS (100 g/L), A.S.T.M. - for Sulfate**

<b>9502AM (63355-011)</b>	100 ml amber glass bottle	\$ 16.95
<b>9502CH (63355-030)</b>	500 ml amber glass bottle	50.75

**SILVER NITRATE, 0.0141 NORMAL, A.P.H.A. - for Chloride**

(1 ml = 0.5 mg Cl)

<b>9466FC (63360-057)</b>	1 L amber glass bottle	\$ 11.90
<b>9466ML (63360-150)</b>	4 L amber glass bottle	33.30
<b>9466QH (63360-292)</b>	20 L Hedwin cube, w/spigot	100.35

**SILVER NITRATE, 0.0171 NORMAL (1 ml = 1 mg NaCl)**

<b>9469FC (63365-057)</b>	1 L amber glass bottle	\$ 13.50
<b>9469ML (63365-150)</b>	4 L amber glass bottle	34.50
<b>9469QH (63365-292)</b>	20 L Hedwin cube, w/spigot	120.30

**SILVER NITRATE, 0.020 NORMAL (N/50)**

<b>9472FC (63370-057)</b>	1 L amber glass bottle	\$ 17.00
<b>9472ML (63370-150)</b>	4 L amber glass bottle	55.55

**SILVER NITRATE, 0.025 NORMAL (N/40)**

<b>9475FC (63375-057)</b>	1 L amber glass bottle	\$ 17.50
<b>9475ML (63375-150)</b>	4 L amber glass bottle	56.60

**SILVER NITRATE, 0.0282 NORMAL (1 ml = 1 mg Cl)**

<b>9478FC (63380-057)</b>	1 L amber glass bottle	\$ 17.05
<b>9478ML (63380-150)</b>	4 L amber glass bottle	57.65
<b>9478QH (63380-292)</b>	20 L Hedwin cube, w/spigot	135.25

**SILVER NITRATE, 0.050 NORMAL (N/20)**

<b>9481FC (63385-057)</b>	1 L amber glass bottle	\$ 16.05
<b>9481ML (63385-150)</b>	4 L amber glass bottle	50.75

**SILVER NITRATE, 0.100 NORMAL (N/10)**

<b>9484CH (63390-030)</b>	500 ml amber glass bottle	\$ 17.35
<b>9484FC (63390-057)</b>	1 L amber glass bottle	21.80
<b>9484ML (63390-150)</b>	4 L amber glass bottle	88.50
<b>9484QH (63390-292)</b>	20 L Hedwin cube, w/spigot	377.80

**SILVER NITRATE 0.141 NORMAL**

<b>9487FC (63392-057)</b>	1 L amber glass bottle	\$ 34.00
<b>9487ML (63392-150)</b>	4 L amber glass bottle	108.35
<b>9487QH (63392-292)</b>	20 L Hedwin cube, w/spigot	394.80

**SILVER NITRATE, 0.15 NORMAL**

<b>9490FC (63395-057)</b>	1 L amber glass bottle	\$ 36.60
<b>9490ML (63395-150)</b>	4 L amber glass bottle	133.55

**SILVER NITRATE, 0.171 NORMAL**

<b>9493FC (63394-057)</b>	1 L amber glass bottle	\$ 35.55
<b>9493ML (63394-150)</b>	4 L amber glass bottle	144.60
<b>9493QH (63394-292)</b>	20 L Hedwin cube, w/spigot	517.45

**SILVER NITRATE SOLUTIONS** in other various percentages and normalities are available. Inquire for prices.

**SILVER SULFATE, ACS, POWDER**

Ag <sub>2</sub> SO <sub>4</sub>	FW 311.80
CAS #10294-26-5	
Storage Code: Green	

**Specifications**

Assay .....	Min. 98.0%
	Maximum Limits of Impurities
Insoluble Matter and Silver Chloride .....	0.02%
Iron (Fe) .....	0.001%
Nitrate (NO <sub>3</sub> ) .....	0.001%
Substances not Precipitated by Hydrochloric Acid .....	0.03%

<b>4755AH (15311-008)</b>	25 g poly bottle	\$ 28.30
<b>4755LB (15311-115)</b>	125 g poly bottle	121.20
<b>4755AL (15311-010)</b>	500 g poly bottle	408.85

**SMP LIME BUFFER SOLUTION**

Soils Determinant, Preadjusted to pH 7.5

<b>9511HB (62695-080)</b>	4 L poly bottle	\$ 56.95
<b>9511QH (62695-292)</b>	20 L Hedwin cube	232.90

**SODA LIME, 4-8 MESH, ACS**

DOT: Corrosive Material	UN 1907
CAS #8006-28-8	RTECS VX9650000
Storage Code: White	

**Specifications**

Carbon Dioxide Absorption Capacity .....	Min. 19.0%
	Maximum Limits of Impurities
Fines .....	1%
Loss on Drying at 200°C .....	7%

<b>4775AL (15332-010)</b>	500 g poly bottle	\$ 19.25
	6 x 500 g poly bottle	16.70
<b>4775NG (15332-200)</b>	2.5 kg poly bottle	54.70
	4 x 2.5 kg poly bottle	48.05
<b>4775PY (15332-255)</b>	14 kg (31 lb) pail	247.15

**SODA LIME, ACS, 4-8 MESH, INDICATING**

DOT: Corrosive Material  
 CAS #8006-28-8  
 Storage Code: White

UN 1907  
 RTECS VX9650000

**Specifications**

Carbon Dioxide Absorption Capacity ..... Min. 19.0%  
 Maximum Limits of Impurities  
 Fines ..... 1%  
 Loss on Drying at 200°C ..... 7%

<b>4780AL (15333-010)</b>	500 g poly bottle	\$ 18.65
	6 x 500 g poly bottle	17.35
<b>4780NG (15333-200)</b>	2.5 kg poly bottle	54.55
	4 x 2.5 kg poly bottle	47.95
<b>4780PY (15333-255)</b>	14 kg (31 lb) pail	267.90

**SODIUM ACETATE, ANHYDROUS, ACS, POWDER**

CH<sub>3</sub>COONa  
 CAS #127-09-3  
 Storage Code: Green

FW 82.03  
 RTECS AJ4375000

**Specifications**

Assay ..... Min. 99.0%  
 pH of a 5% solution at 25°C ..... 7.0 - 9.2  
 Maximum Limits of Impurities  
 Calcium, Magnesium & R<sub>2</sub>O<sub>3</sub> Precipitate ..... 0.01%  
 Chloride (Cl) ..... 0.002%  
 Heavy Metals (as Pb) ..... 0.001%  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.001%  
 Loss on Drying at 120°C ..... 1.0%  
 Phosphate (PO<sub>4</sub>) ..... 0.001%  
 Sulfate (SO<sub>4</sub>) ..... 0.003%

<b>4785AL (15361-010)</b>	500 g poly bottle	\$ 42.80
	6 x 500 g poly bottle	31.05
<b>4785PB (15361-210)</b>	2.5 kg carton	140.50
	4 x 2.5 kg carton	114.05
<b>4785PV (15361-250)</b>	12 kg carton	368.80
<b>4785UC (15361-700)</b>	50 kg (110 lb) drum	429.50

**SODIUM ACETATE, TRIHYDRATE, ACS, CRYSTAL**

CH<sub>3</sub>COONa! 3H<sub>2</sub>O  
 CAS #6131-90-4  
 Storage Code: Green

FW 136.08  
 RTECS AJ4375000

**Specifications**

Assay ..... 99.0 - 100.5%  
 pH of a 5% solution at 25°C ..... 7.5 - 9.2  
 Substances Reducing Permanganate ..... To Pass Test  
 Maximum Limits of Impurities  
 Calcium, Magnesium & R<sub>2</sub>O<sub>3</sub> Precipitate ..... 0.01%  
 Chloride (Cl) ..... 0.001%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 5 ppm  
 Phosphate (PO<sub>4</sub>) ..... 5 ppm  
 Potassium (K) ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... 0.002%

<b>4805AL (15383-010)</b>	500 g poly bottle	\$ 25.80
	6 x 500 g poly bottle	19.45
<b>4805NG (15383-200)</b>	2.5 kg poly bottle	90.75
	4 x 2.5 kg poly bottle	71.40
<b>4805PV (15383-250)</b>	12 kg carton	235.45
<b>4805UC (15383-700)</b>	50 kg (110 lb) drum	399.05

**SODIUM ACETATE, USP, GRANULAR**

NaC<sub>2</sub>H<sub>3</sub>O<sub>2</sub> · 3H<sub>2</sub>O FW 136.08  
CAS #6131-90-4 RTECS AJ4375000  
Storage Code: Green

<b>4800AL (25703-010)</b>	500 g poly bottle	\$ 18.35
	6 x 500 g poly bottle	15.95
<b>4800NG (25703-200)</b>	2.5 kg poly bottle	71.65
<b>4800PV (25703-250)</b>	12 kg carton	210.95
<b>4800UA (25703-600)</b>	45.4 kg (100 lb) drum	289.05

**SODIUM ARSENITE, REAGENT, POWDER**

NaAsO<sub>2</sub> FW 129.91  
DOT: Sodium arsenite, solid, 6.1, UN2027, PGII UN 2027  
CAS #7784-46-5 RTECS CG3675000  
Storage Code: Blue (Possible carcinogen)

<b>4810LB (15645-115)</b>	125 g poly bottle	\$ 71.70
<b>4810AL (15645-010)</b>	500 g poly bottle	319.15

**SODIUM ARSENITE, 0.1% (w/v) Aqueous, (1 g/L), A.S.T.M.**

**9529CM (63400-033)** 500 ml poly bottle \$ 17.65

**SODIUM AZIDE, PRACTICAL**

NaN<sub>3</sub> FW 65.01  
DOT: Poison UN 1687  
CAS #26628-22-8 RTECS VY8050000  
Storage Code: Red

<b>4815AH (55443-008)</b>	25 g poly bottle	\$ 17.40
<b>4815LA (55443-114)</b>	100 g poly bottle	81.75

**SODIUM BENZOATE, FCC, GRANULAR**

C<sub>6</sub>H<sub>5</sub>COONa FW 144.11  
CAS #532-32-1 RTECS DH6650000  
Storage Code: Green

<b>4825AL (24562-010)</b>	500 g poly bottle	\$ 22.15
	4 x 500 g poly bottle	15.80
<b>4825NG (24562-200)</b>	2.5 kg poly bottle	56.45
<b>4825TR (24562-512)</b>	25 kg (55 lb) bag	152.80

**(Inquire for pricing on volume purchases)**

**SODIUM BENZOATE, PURIFIED FINE POWDER**

C<sub>6</sub>H<sub>5</sub>COONa FW 144.11  
CAS #532-32-1 RTECS DH6650000  
Storage Code: Green

<b>4830AL (48280-010)</b>	500 g poly bottle	\$ 18.10
	4 x 500 g poly bottle	14.50
<b>4830NG (48280-200)</b>	2.5 kg poly bottle	55.10

**SODIUM BICARBONATE, ACS, POWDER**

NaHCO<sub>3</sub> FW 84.01  
 CAS #144-55-8 RTECS VZ0950000  
 Storage Code: Green

**Specifications**

Assay (Dried Basis) ..... 99.7 - 100.3%  
 Maximum Limits of Impurities  
 Ammonium (NH<sub>4</sub>) ..... 5 ppm  
 Calcium, Magnesium & R<sub>2</sub>O<sub>3</sub> Precipitate ..... 0.02%  
 Chloride (Cl) ..... 0.003%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.015%  
 Iron (Fe) ..... 0.001%  
 Phosphate (PO<sub>4</sub>) ..... 0.001%  
 Potassium (K) ..... 0.005%  
 Sulfur Compounds (as SO<sub>4</sub>) ..... 0.003%

<b>4840AL (15421-010)</b>	500 g poly bottle	\$ 15.25
	6 x 500 g poly bottle	11.05
<b>4840NG (15421-200)</b>	2.5 kg poly bottle	36.55
	4x2.5 kg poly bottle	26.70
<b>4840PV (15421-250)</b>	12 kg carton	103.40
<b>4840UC (15421-700)</b>	50 kg (110 lb) drum	227.15

**SODIUM BICARBONATE, USP/FCC, POWDER**

NaHCO<sub>3</sub> FW 84.01  
 CAS #144-55-8 RTECS VZ0950000  
 Storage Code: Green

<b>4850AL (24541-010)</b>	500 g poly bottle	\$ 14.75
	6 x 500 g poly bottle	10.80
<b>4850NG (24541-200)</b>	2.5 kg poly bottle	38.55
	4 x 2.5 kg poly bottle	28.15
<b>4850PV (24541-250)</b>	12 kg carton	96.45
<b>4850UB (24541-610)</b>	45.4 kg (100 lb) bag	169.00
	10 x 45.4 kg (100 lb) bag	134.60

**SODIUM BISULFATE, TECHNICAL**

NaHSO<sub>4</sub> FW 120.08  
 DOT: Corrosive UN 1759  
 CAS #7681-38-1 RTECS VZ1860000  
 Storage Code: Green

<b>4865NG (55412-200)</b>	2.5 kg poly bottle	\$ 56.25
	4 x 2.5 kg poly bottle	39.00
<b>4865PV (55412-250)</b>	12 kg carton	176.95

**SODIUM BISULFITE, ACS, GRANULAR**

NaHSO<sub>3</sub> FW 104.06  
 CAS #7631-90-5 RTECS VZ2000000  
 Storage Code: Green

**Specifications**

Assay (as SO<sub>2</sub>) ..... Min. 58.5%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.02%  
 Heavy Metals (as Pb) ..... 0.001%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 0.002%

<b>4870AL (15472-010)</b>	500 g poly bottle	\$ 25.20
	6 x 500 g poly bottle	18.60
<b>4870NG (15472-200)</b>	2.5 kg poly bottle	85.75
	4 x 2.5 kg poly bottle	63.10
<b>4870PV (15472-250)</b>	12 kg carton	221.90
<b>4870UC (15472-700)</b>	50 kg (110 lb) drum	329.85

**SODIUM BORATE, DECAHYDRATE, ACS, CRYSTALS**

Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub> · 10H<sub>2</sub>O FW 381.37  
 CAS #1303-96-4 RTECS VZ2275000  
 Storage Code: Green

**Specifications**

Assay ..... 99.5 - 105.0%  
 pH of a 0.01 Molar solution at 25°C ..... 9.15 - 9.20

**Maximum Limits of Impurities**

Calcium (Ca) ..... 0.005%  
 Chloride (Cl) ..... 0.001%  
 Heavy Metals (as Pb) ..... 0.001%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 5 ppm  
 Phosphate (PO<sub>4</sub>) ..... 0.001%  
 Sulfate (SO<sub>4</sub>) ..... 0.005%

**4885AL (15492-010)** 500 g poly bottle \$ 24.55  
 6 x 500 g poly bottle 14.45  
**4885NG (15492-200)** 2.5 kg poly bottle 48.95  
 4 x 2.5 kg poly bottle 36.60  
**4885PV (15492-250)** 12 kg carton 149.50

**SODIUM BORATE, DECAHYDRATE, TECHNICAL, GRANULAR**

Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub> · 10H<sub>2</sub>O FW 381.37  
 CAS #1303-96-4 RTECS VZ2275000  
 Storage Code: Green

**4880NG (55542-200)** 2.5 kg poly bottle \$ 24.40  
 4 x 2.5 kg poly bottle 20.90  
**4880PV (55542-250)** 12 kg carton 84.60

**SODIUM BROMIDE, REAGENT, GRANULAR**

NaBr FW 102.89  
 CAS #7647-15-6 RTECS VZ3150000  
 Storage Code: Green

**Specifications****Maximum Limits of Impurities**

Barium (Ba) ..... 0.002%  
 Bromate (BrO<sub>3</sub>) ..... 0.001%  
 Chloride (Cl) ..... 0.25%  
 Heavy Metals (as Pb) ..... 0.001%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 0.001%  
 Sulfate (SO<sub>4</sub>) ..... 0.005%

**4900AL (15502-010)** 500 g poly bottle \$ 34.20  
 6 x 500 g poly bottle 23.55  
**4900NG (15502-200)** 2.5 kg poly bottle 105.50  
 4 x 2.5 kg poly bottle 76.50  
**4900PV (15502-250)** 12 kg carton 339.60  
**4900VC (15502-975)** 181.4 kg (400 lb) drum 2536.25

**SODIUM CARBONATE, ANHYDROUS, ACS, GRANULAR (SODA ASH)**

Na<sub>2</sub>CO<sub>3</sub> FW 105.99  
 CAS #497-19-8 RTECS VZ4050000  
 Storage Code: Green

**Specifications**

Assay (Dried Basis) ..... Min. 99.5%

**Maximum Limits of Impurities**

Ammonium Hydroxide Precipitate ..... 0.01%  
 Arsenic (As) ..... 1 ppm  
 Calcium and Magnesium Precipitate ..... 0.01%  
 Chloride (Cl) ..... 0.001%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 5 ppm  
 Loss on Heating at 285°C ..... 1.0%  
 Nitrogen Compounds (as N) ..... 0.001%  
 Phosphate (PO<sub>4</sub>) ..... 0.001%

Potassium (K) .....	0.005%
Silica (SiO <sub>2</sub> ) .....	0.005%
Sulfur Compounds (as SO <sub>4</sub> ) .....	0.003%

<b>4915AL (15512-010)</b>	500 g poly bottle	\$ 26.95
	6 x 500 g poly bottle	17.45
<b>4915NG (15512-200)</b>	2.5 kg poly bottle	88.50
	4 x 2.5 kg poly bottle	62.95
<b>4915PV (15512-250)</b>	12 kg carton	219.80
<b>4915UX (15512-950)</b>	113.6 kg (250 lb) drum	718.35

**SODIUM CARBONATE, ANHYDROUS, ACS, POWDER (SODA ASH)**

Na <sub>2</sub> CO <sub>3</sub>	FW 105.99
CAS #497-19-8	RTECS VZ4050000
Storage Code: Green	

**Specifications**

Assay (Dried Basis) .....	Min. 99.5%
	Maximum Limits of Impurities
Ammonium Hydroxide Precipitate .....	0.01%
Arsenic (As) .....	1 ppm
Calcium and Magnesium Precipitate .....	0.01%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.01%
Iron (Fe) .....	5 ppm
Loss on Heating at 285°C .....	1.0%
Nitrogen Compounds (as N) .....	0.001%
Phosphate (PO <sub>4</sub> ) .....	0.001%
Potassium (K) .....	0.005%
Silica (SiO <sub>2</sub> ) .....	0.005%
Sulfur Compounds (as SO <sub>4</sub> ) .....	0.003%

<b>4920AL (15511-010)</b>	500 g poly bottle	\$ 27.10
	6 x 500 g poly bottle	17.50
<b>4920PB (15511-210)</b>	2.5 kg carton	84.10
	4 x 2.5 kg carton	65.80
<b>4920PV (15511-250)</b>	12 kg carton	223.00
<b>4920UX (15511-950)</b>	113.6 kg (250 lb) drum	981.65
	8 x 113.6 kg drum	946.25

**SODIUM CARBONATE, ANHYDROUS, TECHNICAL, POWDER (SODA ASH)**

Na <sub>2</sub> CO <sub>3</sub>	FW 105.99
CAS #497-19-8	RTECS VZ4050000
Storage Code: Green	

<b>4930AL (58751-010)</b>	500 g poly bottle	\$ 14.10
<b>4930NG (58751-200)</b>	2.5 kg poly bottle	38.60
	4 x 2.5 kg poly bottle	29.35
<b>4930PV (58751-250)</b>	12 kg carton	86.50

**SODIUM CARBONATE, MONOHYDRATE, ACS, GRANULAR**

Na <sub>2</sub> CO <sub>3</sub> ·H <sub>2</sub> O	FW 124.00
CAS #5968-11-6	RTECS VZ4050000
Storage Code: Green	

**Specifications**

Assay .....	Min. 99.5%
Loss on Drying at 150°C .....	13.0 - 15.0%
	Maximum Limits of Impurities
Ammonium Hydroxide Precipitate .....	0.01%
Arsenic (As) .....	1 ppm
Calcium and Magnesium Precipitate .....	0.01%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.01%
Iron (Fe) .....	5 ppm



Nitrogen Compounds (as N) .....	0.001%
Phosphate (PO4) .....	5 ppm
Potassium (K) .....	0.005%
Silica (SiO2) .....	0.005%
Sulfur Compounds (as SO4) .....	0.004%

<b>4940AL (15573-010)</b>	500 g poly bottle	\$ 16.65
	6 x 500 g poly bottle	14.85
<b>4940NG (15573-200)</b>	2.5 kg poly bottle	47.25
	4 x 2.5 kg poly bottle	42.65
<b>4940PV (15573-250)</b>	12 kg carton	192.45
<b>4940UX (15573-950)</b>	113.6 kg (250 lb) drum	921.00

**SODIUM CARBONATE, MONOHYDRATE, PHOTO**

Na2CO3·H2O FW 124.00  
CAS #5968-11-6 RTECS VZ4050000  
Storage Code: Green

<b>4945AL (24553-010)</b>	500 g poly bottle	\$ 15.85
<b>4945NG (24553-200)</b>	2.5 kg poly bottle	35.90

**SODIUM CHLORATE, REAGENT, CRYSTAL**

NaClO3 FW 106.45  
DOT: Oxidizer UN 1495  
CAS #7775-09-9 RTECS FO0525000  
Storage Code: Yellow

<b>Specifications</b>	
Assay .....	Min. 99.0%
Maximum Limits of Impurities	
Bromate (BrO3) .....	0.015%
Calcium and Magnesium Precipitate .....	0.005%
Chloride (Cl) .....	0.005%
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.0005%
Nitrogen Compounds (as N) .....	0.001%
Potassium (K) .....	0.01%
Sulfate (SO4) .....	0.001%

<b>4955AL (15583-010)</b>	500 g poly bottle	\$ 44.75
	6 x 500 g poly bottle	36.65

**SODIUM CHLORIDE, USP/FCC, CRYSTAL**

NaCl FW 58.44  
CAS #7647-14-5 RTECS VZ4725000  
Storage Code: Green

<b>4980AL (24563-010)</b>	500 g poly bottle	\$ 10.75
	6 x 500 g poly bottle	8.80
<b>4980NG (24563-200)</b>	2.5 kg poly bottle	30.45
	4 x 2.5 kg poly bottle	22.25
<b>4980PV (24563-250)</b>	12 kg carton	73.15
<b>4980TY (24563-530)</b>	36.4 kg (80 lb) bag	84.10
	25 x 36.4 kg (80 lb) bag	47.85
<b>4980UC (24563-700)</b>	50 kg (110 lb) drum	137.35
	18 x 50 kg (110 lb) drum	107.65
	240 x 50 kg (110 lb) drum	91.95
<b>4980VV (24563-965)</b>	159 kg (350 lb) drum	257.70
	8 x 159 kg drum	233.05
	32 x 159 kg drum	198.50

**SODIUM CHLORIDE, ACS, CRYSTAL**

NaCl FW 58.44  
 CAS #7647-14-5 RTECS VZ4725000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99.0%  
 pH of a 5% solution at 25°C ..... 5.0 - 9.0

**Maximum Limits of Impurities**

Barium (Ba) ..... 0.001%  
 Bromide (Br) ..... 0.01%  
 Calcium, Magnesium & R<sub>2</sub>O<sub>3</sub> Precipitate ..... 0.005%  
 Chlorate and Nitrate (as NO<sub>3</sub>) ..... 0.003%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Iodide (I) ..... 0.002%  
 Iron (Fe) ..... 2 ppm  
 Nitrogen Compounds (as N) ..... 0.001%  
 Phosphate (PO<sub>4</sub>) ..... 5 ppm  
 Potassium (K) ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... 0.004%

<b>4965AL (15603-010)</b>	500 g poly bottle	\$ 11.90
	6 x 500 g poly bottle	9.45
<b>4965NG (15603-200)</b>	2.5 kg poly bottle	37.05
	4 x 2.5 kg poly bottle	34.45
<b>4965PV (15603-250)</b>	12 kg carton	76.95
<b>4965UA (15603-600)</b>	45.4 kg (100 lb) drum	157.35
	9 x 45.4 kg (100 lb) drum	124.45
<b>4965VV (15603-965)</b>	159 kg (350 lb) drum	418.00
	4 x 159 kg drum	339.00

**SODIUM CHLORIDE, TECHNICAL, CRYSTAL**

NaCl FW 58.44  
 CAS #7647-14-5 RTECS VZ4725000  
 Storage Code: Green

<b>4975NG (58773-200)</b>	2.5 kg poly bottle	\$ 29.85
	4 x 2.5 kg poly bottle	24.65
<b>4975PV (58773-250)</b>	12 kg carton	49.50

**SODIUM CHLORIDE, 0.85% (w/v) Aqueous**

Normal Saline, Filtered (Non-Sterile)

<b>9538GA (63410-067)</b>	1 L poly bottle	\$ 9.35
<b>9538GD (63410-070)</b>	3.8 L poly bottle	15.55
<b>9538QH (63410-292)</b>	20 L Hedwin cube	36.25

**SODIUM CHLORIDE, 0.90% (w/v) Aqueous**

Isotonic Saline, Filtered (Non-Sterile)

<b>9541GA (63415-067)</b>	1 L poly bottle	\$ 9.35
<b>9541GD (63415-070)</b>	3.8 L poly bottle	15.55
<b>9541QH (63415-292)</b>	20 L Hedwin cube	36.25

**SODIUM CHLORIDE SOLUTIONS** in other various percentages and normalities are available. Inquire for prices.

**SODIUM CHROMATE, REAGENT**Na<sub>2</sub>CrO<sub>4</sub> · 4H<sub>2</sub>O FW 234.07

Environmentally hazardous substance, solid, N.O.S. (sodium chromate), 9, UN3077, PG III

CAS #10034-82-9 RTECS GB2958300

Storage Code: Blue

**Specifications**

Assay ..... 99.0 - 102.0%

pH of a 5% Solution ..... 8.0 - 9.5

**Maximum Limits of Impurities**

Aluminum (Al) ..... 0.002%

Calcium (Ca) ..... 0.005%

Chloride (Cl) ..... 0.005%

Insoluble Matter ..... 0.005%

Sulfate (SO<sub>4</sub>) ..... 0.01%**4990AL (15623-010)** 500 g poly bottle \$ 47.10**4990NG (15623-200)** 2.5 kg poly bottle 230.10**4990PV (15623-250)** 12 kg carton 730.05**SODIUM CHROMATE, TECHNICAL, GRANULAR**Na<sub>2</sub>CrO<sub>4</sub> · 4H<sub>2</sub>O FW 234.07

Environmentally hazardous substance, solid, N.O.S. (sodium chromate), 9, UN3077, PG III

CAS #10034-82-9 RTECS GB2958300

Storage Code: Blue

**4995LA (55463-114)** 100 g poly bottle \$ 18.10**4995AL (55463-010)** 500 g poly bottle 39.95**SODIUM CITRATE, DIHYDRATE, ACS, CRYSTAL**Na<sub>3</sub>C<sub>6</sub>H<sub>5</sub>O<sub>7</sub> · 2H<sub>2</sub>O FW 294.10

Environmentally hazardous substance, solid, N.O.S. (sodium citrate), 9, UN3077, PG III

CAS #6132-04-3 RTECS GE8300000

Storage Code: Green

**Specifications**

Assay ..... Min. 99.0%

pH of a 5% solution at 25°C ..... 7.0 - 9.0

**Maximum Limits of Impurities**Ammonia (NH<sub>3</sub>) ..... 0.003%

Calcium (Ca) ..... 0.005%

Chloride (Cl) ..... 0.003%

Heavy Metals (as Pb) ..... 5 ppm

Insoluble Matter ..... 0.005%

Iron (Fe) ..... 5 ppm

Sulfate (SO<sub>4</sub>) ..... 0.005%**5005AL (14523-010)** 500 g poly bottle \$ 23.65

6 x 500 g poly bottle 17.50

**5005NG (14523-200)** 2.5 kg poly bottle 71.10

4 x 2.5 kg poly bottle 59.70

**5005PV (14523-250)** 12 kg carton 268.55**5005UX (14523-950)** 113.6 kg (250 lb) drum 952.85**SODIUM CITRATE, DIHYDRATE, USP/FCC, GRANULAR**Na<sub>3</sub>C<sub>6</sub>H<sub>5</sub>O<sub>7</sub> · 2H<sub>2</sub>O FW 294.10

Environmentally hazardous substance, solid, N.O.S. (sodium citrate), 9, UN3077, PG III

CAS #6132-04-3 RTECS GE8300000

Storage Code: Green

**5000AL (24583-010)** 500 g poly bottle \$ 21.35**5000NG (24583-200)** 2.5 kg poly bottle 39.00**5000PV (24583-250)** 12 kg carton 415.05**5000TR (24583-512)** 25 kg (55 lb) bag 110.65

**SODIUM COBALTINITRIDE, ACS**

(For determination of Potassium)

Na<sub>3</sub>Co(NO<sub>2</sub>)<sub>6</sub>

FW 403.94

CAS #13600-98-1

RTECS GF9480000

Storage Code: Green

**Specifications**

Suitability for Determination of Potassium ..... To Pass Test  
 Maximum Limits of Impurities  
 Insoluble Matter ..... 0.02%

**5010LA (15450-114)** 100 g poly bottle \$40.60  
**5010AL (15450-010)** 500 g poly bottle 107.10

**SODIUM CYANIDE, ACS, GRANULAR**

NaCN

FW 49.01

DOT: Poison

UN 1689

CAS #143-33-9

RTECS VZ7525000

Storage Code: Blue

**Specifications**

Assay (NaCN) ..... Min. 95.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.15%  
 Iron, Total (as Fe) ..... 0.005%  
 Lead (Pb) ..... 5 ppm  
 Phosphate (PO<sub>4</sub>) ..... 0.02%  
 Sulfate (SO<sub>4</sub>) ..... 0.05%  
 Sulfide (S) ..... 0.005%  
 Thiocyanate (SCN) ..... 0.02%

**5015AL (16160-010)** 500 g poly bottle \$ 35.85  
 6 x 500 g poly bottle 22.65  
**5015NG (16160-200)** 2.5 kg poly bottle 109.90  
**5015PV (16160-250)** 12 kg carton 285.00  
**5015UV (16160-945)** 100 kg (220 lb) drum 1200.00

**SODIUM DICHROMATE, DIHYDRATE, ACS, CRYSTAL**Na<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> · 2H<sub>2</sub>O

FW 298.00

DOT: Oxidizer, Corrosive

UN 3085

CAS #7789-12-0

RTECS HX7750000

Storage Code: Yellow

**Specifications**

Assay ..... 99.5 - 100.5%  
 Maximum Limits of Impurities  
 Aluminum ..... 0.002%  
 Calcium (Ca) ..... 0.003%  
 Chloride (Cl) ..... 0.005%  
 Insoluble Matter and Ammonium Hydroxide Precipitate ..... 0.005%  
 Sulfate (SO<sub>4</sub>) ..... 0.01%

**5020AL (15663-010)** 500 g poly bottle \$ 63.15  
 6 x 500 g poly bottle 56.45  
**5020NG (15663-200)** 2.5 kg poly bottle 242.20  
 4 x 2.5 kg poly bottle 204.95  
**5020PV (15663-250)** 12 kg carton 861.05

**SODIUM DICHROMATE, DIHYDRATE, TECHNICAL**Na<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> · 2H<sub>2</sub>O

FW 298.00

DOT: Oxidizer, Corrosive

UN 3085

CAS #7789-12-0

RTECS HX7750000

Storage Code: Blue

**5025AL (57913-010)** 500 g poly bottle \$ 22.60  
**5025NG (57913-200)** 2.5 kg poly bottle 91.45  
 4 x 2.5 kg poly bottle 79.00  
**5025PV (57913-250)** 12 kg carton 244.15

**SODIUM DICHROMATE / SULFURIC ACID SOLUTION**

For the routine colorimetric determination of soil organic matter (externally applied heat)

**9559GC (63726-069)** 2.5 L PVC glass bottle \$36.50

**SODIUM DIETHYLDITHIOCARBAMATE, ACS**

(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>NCS<sub>2</sub>Na! 3H<sub>2</sub>O FW 225.30  
 CAS #20624-25-3 RTECS EZ6550000  
 Storage Code: Green

**Specifications**

Sodium (as Na<sub>2</sub>SO<sub>4</sub>) ..... 30.5 - 32.5%  
Maximum Limits of Impurities  
 Sensitivity to Copper ..... To Pass Test  
 Solubility in Water ..... To Pass Test

**4765LA (15675-114)** 100 g poly bottle \$ 49.35  
**4765AL (15675-010)** 500 g poly bottle 102.75

**SODIUM DIMETHYLGLYOXIME, REAGENT**

(CH<sub>3</sub>)<sub>2</sub>C<sub>2</sub>(NONa)<sub>2</sub>! 8H<sub>2</sub>O FW 304.23  
 CAS #60908-54-5  
 Storage Code: Green

**Specifications**

Maximum Limits of Impurities

Insoluble in Water ..... 0.01%  
 Sensitivity to Nickel ..... To Pass Test

**5030LA (15680-114)** 100 g poly bottle \$ 35.40  
**5030AL (15680-010)** 500 g poly bottle 163.40

**SODIUM DIPHENYLAMINESULFONATE, ACS**

C<sub>6</sub>H<sub>5</sub>NHC<sub>6</sub>H<sub>4</sub>SO<sub>3</sub>Na FW 271.27  
 CAS #6152-67-6  
 Storage Code: Green

**Specifications**

Sensitivity as Indicator ..... To Pass Test

**4770AF (15685-006)** 5 g poly bottle \$ 32.70  
**4770AH (15685-008)** 25 g poly bottle 119.00

**SODIUM FLUORIDE, ACS**

NaF FW 41.99  
 DOT: Poison UN 1690  
 CAS #7681-49-4 RTECS WB0350000  
 Storage Code: Blue

**Specifications**

Assay ..... Min. 99%  
Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.005%  
 Heavy Metals (as Pb) ..... 0.003%  
 Insoluble Matter ..... 0.02%  
 Iron (Fe) ..... 0.003%  
 Loss on Drying at 150°C ..... 0.3%  
 Potassium (K) ..... 0.02%  
 Sodium Fluosilicate (Na<sub>2</sub>SiF<sub>6</sub>) ..... 0.1%  
 Sulfate (SO<sub>4</sub>) ..... 0.03%  
 Sulfite (SO<sub>3</sub>) ..... 0.005%  
 Titratable Acid ..... 0.03 meq/g  
 Titratable Base ..... 0.01 meq/g

**5035AL (15701-010)** 500 g poly bottle \$ 42.70  
 6 x 500 g poly bottle 37.95  
**5035NG (15701-200)** 2.5 kg poly bottle 154.25  
 4 x 2.5 kg poly bottle 147.90  
**5035PV (15701-250)** 12 kg carton 511.25

**SODIUM FLUORIDE, TECHNICAL, POWDER**

NaF FW 41.99  
 DOT: Poison UN 1690  
 CAS #7681-49-4 RTECS WB0350000  
 Storage Code: Blue

<b>5040AL (55475-010)</b>	500 g poly bottle	\$ 20.30
	6 x 500 g poly bottle	14.75
<b>5040NG (55475-200)</b>	2.5 kg poly bottle	54.55
	4 x 2.5 kg poly bottle	47.50

**SODIUM FORMATE, ACS, CRYSTAL**

HCOONa FW 68.01  
 CAS #141-53-7 RTECS LR0350000  
 Storage Code: Green

**Specifications**

Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Calcium (Ca) .....	0.005%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Sulfate (SO <sub>4</sub> ) .....	0.001%

<b>5045AL (15725-010)</b>	500 g poly bottle	\$ 45.05
	6 x 500 g poly bottle	39.05

**SODIUM HYDROSULFITE, PURIFIED, CRYSTAL**

Na<sub>2</sub>S<sub>2</sub>O<sub>4</sub> FW 174.11  
 DOT: Spontaneously Combustible UN 1384  
 CAS #7775-14-6 RTECS JP2100000  
 Storage Code: Red

<b>5060AL (58803-010)</b>	500 g poly bottle	\$ 19.65
	6 x 500 g poly bottle	14.25
<b>5060NG (58803-200)</b>	2.5 kg poly bottle	53.00
	4 x 2.5 kg poly bottle	48.05
<b>5060UC (58803-700)</b>	50 kg (110 lb) drum	726.85

**SODIUM HYDROXIDE, NF, PELLETS**

NaOH FW 40.00  
 DOT: Corrosive Material UN 1823  
 CAS #1310-73-2 RTECS WB4900000  
 Storage Code: White

<b>5110AL (25758-010)</b>	500 g poly bottle	\$ 16.95
	6 x 500 g poly bottle	11.90
<b>5110NG (25758-200)</b>	2.5 kg poly bottle	38.30
	4 x 2.5 kg poly bottle	30.25
<b>5110PV (25758-250)</b>	12 kg carton	115.85
<b>5110UC (25758-700)</b>	50 kg (110 lb) drum	290.00
	9 x 50 kg (110 lb) drum	278.00

**SODIUM HYDROXIDE, ACS, PELLETS**

NaOH FW 40.00  
 DOT: Corrosive Material UN 1823  
 CAS #1310-73-2 RTECS WB4900000  
 Storage Code: White

**Specifications**

Assay (NaOH) .....	Min. 97.0%
<b>Maximum Limits of Impurities</b>	
Ammonium Hydroxide Precipitate .....	0.02%
Chloride (Cl) .....	0.005%
Heavy Metals (as Ag) .....	0.002%
Iron (Fe) .....	0.001%
Mercury (Hg) .....	0.1 ppm
Nickel (Ni) .....	0.001%
Nitrogen Compounds (as N) .....	0.001%
Phosphate (PO4) .....	0.001%
Potassium (K) .....	0.02%
Sodium Carbonate (Na2CO3) .....	1.0%
Sulfate (SO4) .....	0.003%

<b>5095AL (15748-010)</b>	500 g poly bottle	\$ 19.30
	6 x 500 g poly bottle	15.45
<b>5095NG (15748-200)</b>	2.5 kg poly bottle	55.70
	4 x 2.5 kg poly bottle	37.50
<b>5095PV (15748-250)</b>	12 kg carton	152.35
<b>5095UC (15748-700)</b>	50 kg (110 lb) drum	279.00
	9 x 50 kg (110 lb) drum	255.00

**SODIUM HYDROXIDE, FCC, BEADS**

NaOH FW 40.00  
 DOT: Corrosive Material UN 1823  
 CAS #1310-73-2 RTECS WB4900000  
 Storage Code: White

<b>5100NG (25756-200)</b>	2.5 kg poly bottle	\$ 25.30
<b>5100TQ (25756-510)</b>	22.7 kg (50 lb) bag	79.35

**SODIUM HYDROXIDE, TECHNICAL, BEADS**

NaOH FW 40.00  
 DOT: Corrosive Material UN 1823  
 CAS #1310-73-2 RTECS WB4900000  
 Storage Code: White

<b>5120AL (58806-010)</b>	500 g poly bottle	\$ 14.25
	6 x 500 g poly bottle	9.95
<b>5120NG (58806-200)</b>	2.5 kg poly bottle	29.90
	4 x 2.5 kg poly bottle	24.75
<b>5120PV (58806-250)</b>	12 kg carton	84.65
<b>5120TQ (58806-510)</b>	22.7 kg (50 lb) bag	98.00
	20 x 22.7kg (50 lb) bag	70.75

**SODIUM HYDROXIDE, PURIFIED, FLAKES**

(Suitable for Nitrogen Determination)

NaOH FW 40.00  
 DOT: Corrosive Material UN 1823  
 CAS #1310-73-2 RTECS WB4900000  
 Storage Code: White

<b>5115NG (58006-200)</b>	2.5 kg poly bottle	\$ 33.80
	4 x 2.5 kg poly bottle	29.10
<b>5115PV (58006-250)</b>	12 kg carton	105.80
	4 x 12 kg carton	89.10

**SODIUM HYDROXIDE, 50% SOLUTION, REAGENT**

(1 L = 1.54 kg)

DOT: Corrosive Material

CAS #1310-73-2

Storage Code: White

UN 1824

RTECS WB4900000

**Specifications**

Assay (NaOH) .....	50 - 52%
Maximum Limits of Impurities	
Ammonium Hydroxide Precipitate .....	0.010%
Chloride (Cl) .....	0.0025%
Heavy Metals (as Ag) .....	0.0015%
Iron (Fe) .....	5 ppm
Nitrogen Compounds (as N) .....	5 ppm
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Potassium (K) .....	0.025%
Sodium Carbonate (NaCO <sub>3</sub> ) .....	0.1%
Sulfate (SO <sub>4</sub> ) .....	0.0025%

<b>5080CM (15740-033)</b>	500 ml poly bottle	\$ 23.45
	6 x 500 ml poly bottle	15.90
<b>5080GA (15740-067)</b>	1 L poly bottle	31.70
	6 x 1 L poly bottle	20.25
<b>5080HB (15740-080)</b>	4 L poly bottle	49.95
	4 x 4 L poly bottle	44.55
<b>5080QH (15740-292)</b>	20 L Hedwin cube	122.85
	24 x 20 L Hedwin cube	111.45
<b>5080NZ (15740-208)</b>	56 L drum	194.65
	8 x 56 L drum	171.05
<b>5080PJ (15740-231)</b>	113 L drum	345.55
	4 x 113 L drum	288.20
<b>5080RJ (15740-321)</b>	192 L (650 lb) drum	487.25

**SODIUM HYDROXIDE, 50% SOLUTION, FCC**

(1 L = 1.54 kg)

DOT: Corrosive Material

CAS #1310-73-2

Storage Code: White

UN1824

RTECS WB4900000

<b>5075QH (25745-292)</b>	20 L Hedwin cube, s/spigot	\$ 98.90
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**SODIUM HYDROXIDE, 0.010 NORMAL (N/100)**

<b>9565GA (63425-067)</b>	1 L poly bottle	\$9.30
<b>9565GD (63425-070)</b>	3.8 L poly bottle	21.70
<b>9565QH (63425-292)</b>	20 L Hedwin cube, w/spigot	48.60

**SODIUM HYDROXIDE, 0.020 NORMAL (N/50), A.P.H.A. - for Acidity**

<b>9568GA (63430-067)</b>	1 L poly bottle	\$ 9.30
<b>9568GD (63430-070)</b>	3.8 L poly bottle	21.70

**SODIUM HYDROXIDE, 0.0227 NORMAL, A.P.H.A. - for Carbon Dioxide**

<b>9571GA (63440-067)</b>	1 L poly bottle	\$ 9.80
<b>9571GD (63440-070)</b>	3.8 L poly bottle	22.20

**SODIUM HYDROXIDE, 0.050 NORMAL (N/20)**

<b>9577GA (63450-067)</b>	1 L poly bottle	\$ 9.30
<b>9577GD (63450-070)</b>	3.8 L poly bottle	20.70
<b>9577QH (63450-292)</b>	20 L Hedwin cube, w/spigot	56.60



**SODIUM HYDROXIDE, 0.100 NORMAL (N/10)**

<b>9583GA (63460-067)</b>	1 L poly bottle	\$ 9.30
<b>9583GD (63460-070)</b>	3.8 L poly bottle	20.70
<b>9583QH (63460-292)</b>	20 L Hedwin cube, w/spigot	56.60

**SODIUM HYDROXIDE 0.1142 NORMAL**

<b>9586GD (63470-070)</b>	3.8 L poly bottle	\$ 20.20
<b>9586QH (63470-292)</b>	20 L Hedwin cube, s/spigot	56.60

**SODIUM HYDROXIDE, 0.125 NORMAL**

<b>9589GA (63480-067)</b>	1 L poly bottle	\$ 9.30
<b>9589GD (63480-070)</b>	3.8 L poly bottle	19.70
<b>9589QH (63480-292)</b>	20 L Hedwin cube, w/spigot	56.60

**SODIUM HYDROXIDE, 0.200 NORMAL (N/5)**

<b>9598GA (63490-067)</b>	1 L poly bottle	\$ 9.30
<b>9598GD (63490-070)</b>	3.8 L poly bottle	19.70
<b>9598QH (63490-292)</b>	20 L Hedwin cube, w/spigot	56.60

**SODIUM HYDROXIDE, 0.250 NORMAL (N/4)**

<b>9601GA (63500-067)</b>	1 L poly bottle	\$ 9.30
<b>9601GD (63500-070)</b>	3.8 L poly bottle	19.70
<b>9601QH (63500-292)</b>	20 L Hedwin cube, w/spigot	56.60

**SODIUM HYDROXIDE, 0.313 NORMA., A.O.A.C.**

<b>9604GD (63505-070)</b>	3.8 L poly bottle	\$ 9.80
<b>9604QH (63505-292)</b>	20 L Hedwin cube, w/spigot	67.60

**SODIUM HYDROXIDE, 0.400 NORMAL**

<b>9607GA (63510-067)</b>	1 L poly bottle	\$ 9.30
<b>9607GD (63510-070)</b>	3.8 L poly bottle	19.70
<b>9607QH (63510-292)</b>	20 L Hedwin cube, w/spigot	56.60

**SODIUM HYDROXIDE, 0.500 NORMAL**

<b>9610GA (63520-067)</b>	1 L poly bottle	\$ 9.70
<b>9610GD (63520-070)</b>	3.8 L poly bottle	19.70
<b>9610QH (63520-292)</b>	20 L Hedwin cube, w/spigot	56.60

**SODIUM HYDROXIDE, 1.00 NORMAL**

<b>9613GA (63530-067)</b>	1 L poly bottle	\$ 9.80
<b>9613GD (63530-070)</b>	3.8 L poly bottle	23.45
	4 x 3.8 L poly bottles	21.50
<b>9613QH (63530-292)</b>	20 L Hedwin cube, w/spigot	67.20

**SODIUM HYDROXIDE, 5.00 NORMAL**

<b>9661GA (63535-067)</b>	1 L poly bottle	\$ 10.70
<b>9661HB (63535-080)</b>	4 L poly bottle	33.80

**SODIUM HYDROXIDE, 30% (10 N) SOLUTION**

<b>9649GA (63536-067)</b>	1 L poly bottle	\$ 10.10
<b>9649HB (63536-080)</b>	4 L poly bottle	19.70
<b>9649QH (63536-292)</b>	20 L Hedwin cube, w/spigot	60.00

**SODIUM HYDROXIDE, 40% (w/w) AQUEOUS SOLUTION**

<b>9658GA (63537-067)</b>	1 L poly bottle	\$ 10.10
<b>9658HB (63537-080)</b>	4 L poly bottle	22.80
<b>9658QH (63537-292)</b>	20 L Hedwin cube, w/spigot	98.75

**SODIUM HYDROXIDE SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**SODIUM HYPOCHLORITE SOLUTION, 5%**

NaOCl		FW 74.45
CAS #7681-52-9		RTECS NH3486300
Storage Code: Green		
<b>5145CM (58020-033)</b>	500 ml poly bottle	\$ 9.80
<b>5145GD (58020-070)</b>	3.8 L poly bottle	12.45
	6 x 3.8 L poly bottle	9.65

**SODIUM IODATE, REAGENT, POWDER**

NaIO <sub>3</sub>		FW 197.91
DOT: Oxidizer		UN 1479
CAS #7681-55-2		RTECS NN1400000
Storage Code: Yellow		

**Specifications****Maximum Limits of Impurities**

Heavy Metals (as Pb) .....	0.0005%
Insoluble Matter .....	0.005%
Iodide (I) .....	0.01%
Iron (Fe) .....	0.001%
Sulfate (SO <sub>4</sub> ) .....	0.005%
Water .....	0.3%

<b>5155LB (15751-115)</b>	125 g poly bottle	\$ 28.35
	6 x 125 g poly bottle	26.40
<b>5155AL (15751-010)</b>	500 g poly bottle	81.55
	6 x 500 g poly bottle	64.40

**SODIUM IODIDE, REAGENT, GRANULAR**

NaI FW 149.89  
 CAS #7681-82-5 RTECS WB6475000  
 Storage Code: Green

**Specifications**

pH of a 5% Solution at 25°C .....	6.0 - 9.0
	Maximum Limits of Impurities
Barium (Ba) .....	0.002%
Chloride and Bromide (as Cl) .....	0.01%
Copper (Cu) .....	3 ppm
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iodate (IO <sub>3</sub> ) .....	3 ppm
Iron (Fe) .....	3 ppm
Nitrogen Compounds (as N) .....	0.001%
Phosphate (PO <sub>4</sub> ) .....	0.0001%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>5160LA (15762-114)</b>	100 g poly bottle	\$ 36.20
	6 x 100 g poly bottle	27.70
<b>5160AL (15762-010)</b>	500 g poly bottle	86.30
	6 x 500 g poly bottle	75.45
<b>5160NG (15762-200)</b>	2.5 kg poly bottle	246.75
	4 x 2.5 kg poly bottle	224.15
<b>5160PV (15762-250)</b>	12 kg carton	994.35
<b>5160UA (15762-600)</b>	45.4 kg (100 lb) drum	1974.25

**SODIUM IODIDE, USP, GRANULAR**

NaI FW 149.89  
 CAS #7681-82-5 RTECS WB6475000  
 Storage Code: Green

<b>5165LA (24602-114)</b>	100 g poly bottle	\$ 19.10
	6 x 100 g poly bottle	18.40
<b>5165AL (24602-010)</b>	500 g poly bottle	74.15
	6 x 500 g poly bottle	65.30
<b>5165NG (24602-200)</b>	2.5 kg poly bottle	272.55
	4 x 2.5 kg poly bottle	246.90
<b>5165PV (24602-250)</b>	12 kg carton	965.80
<b>5165UA (24602-600)</b>	45.4 kg (100 lb) drum	1954.30

**SODIUM LAURYL SULFATE, NF (Dodecyl Sodium Sulfate)**

C<sub>12</sub>H<sub>25</sub>OSO<sub>3</sub>Na FW 288.38  
 CAS #151-21-3 RTECS WT1050000  
 Storage Code: Green

<b>5175AL (24661-010)</b>	500 g poly bottle	\$ 34.75
	6 x 500 g poly bottle	28.70
<b>5175PB (24661-210)</b>	2.5 kg carton	124.65
<b>5175PV (24661-250)</b>	12 kg unit	410.65

**SODIUM METABISULFITE, ACS, GRANULAR**

Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub> FW 190.10  
 CAS #7681-57-4 RTECS UX8225000  
 Storage Code: Green

		<b>Specifications</b>
		Maximum Limits of Impurities
Assay .....		Min. 97.0%
Arsenic (As) .....		1 ppm
Chloride (Cl) .....		0.05%
Heavy Metals (as Pb) .....		0.001%
Insoluble Matter .....		0.005%
Iron (Fe) .....		0.002%
Thiosulfate (S <sub>2</sub> O <sub>3</sub> ) .....		0.05%

<b>5185AL (15783-010)</b>	500 g poly bottle	\$ 17.60
	6 x 500 g poly bottle	12.80
<b>5185NG (15783-200)</b>	2.5 kg poly bottle	49.55
	4 x 2.5 kg poly bottle	47.55
<b>5185PV (15783-250)</b>	12 kg carton	193.00
<b>5185VC (15783-975)</b>	181.4 kg (400 lb) drum	1530.00

**SODIUM METABISULFITE, FCC, GRANULAR**

Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub> FW 190.10  
 CAS #7681-57-4 RTECS UX8225000  
 Storage Code: Green

<b>5190NG (48323-200)</b>	2.5 kg poly bottle	\$ 37.10
	4 x 2.5 kg poly bottle	29.15
<b>5190PV (48323-250)</b>	12 kg carton	124.35

**SODIUM METAL, PURIFIED, CUBES (Packed in Mineral Oil)**

Na AW 22.99  
 DOT: Sodium, 4.3, dangerous when wet, UN1428, PG I UN 1428  
 CAS #7440-23-5 RTECS VY0686000  
 Storage Code: Red

<b>5210LB (55345-115)</b>	125 g poly bottle	\$ 46.00
	6 x 125 g poly bottle	35.00
<b>5210AL (55345-010)</b>	500 g poly bottle	96.65
	6 x 500 g poly bottle	85.00

**SODIUM METAL, PURIFIED, LUMPS (Packed in Mineral Oil)**

Na AW 22.99  
 DOT: Sodium, 4.3, dangerous when wet, UN1428, PG I UN 1428  
 CAS #7440-23-5 RTECS VY0686000  
 Storage Code: Red

<b>5215LB (55344-115)</b>	125 g poly bottle	\$ 39.00
	6 x 125 g poly bottle	29.00
<b>5215AL (55344-010)</b>	500 g poly bottle	56.25
	6 x 500 g poly bottle	51.65

**SODIUM METAL, ACS, LUMPS**

Na AW 22.99  
 DOT: Sodium, 4.3, dangerous when wet, UN1428, PG I UN 1428  
 CAS #7440-23-5 RTECS VY0686000  
 Storage Code: Red

		<b>Specifications</b>
		Maximum Limits of Impurities
Chloride .....		0.002%
Heavy Metals (as Pb) .....		5 ppm
Iron .....		0.001%
Nitrogen .....	To Pass Test (approx. 0.003%)	
Phosphate .....		5 ppm
Sulfate .....	To Pass Test (approx. 0.002%)	

<b>5200LB (15344-115)</b>	125 g poly bottle	\$ 41.30
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	6 x 125 g poly bottle	39.20
<b>5200AL (15344-010)</b>	500 g poly bottle	69.50
	6 x 500 g poly bottle	57.00

**SODIUM METASILICATE, PURIFIED**

Na<sub>2</sub>SiO<sub>3</sub>·5H<sub>2</sub>O FW 212.14  
CAS #6834-92-0 RTECS VV9275000  
Storage Code: Green

<b>5230AL (58823-010)</b>	500 g poly bottle	\$ 14.25
	6 x 500 g poly bottle	11.85
<b>5230NG (58823-200)</b>	2.5 kg poly bottle	37.30
	4 x 2.5 kg poly bottle	29.40

**SODIUM MOLYBDATE, DIHYDRATE, ACS, POWDER**

Na<sub>2</sub>MoO<sub>4</sub>·2H<sub>2</sub>O FW 241.95  
CAS #10102-40-6 RTECS QA5085000  
Storage Code: Green

**Specifications**

Assay .....	99.5 - 103.0%
pH of a 5% solution at 25°C .....	7.0 - 10.5
	Maximum Limits of Impurities
Ammonium (NH <sub>4</sub> ) .....	0.001%
Chloride (Cl) .....	0.005%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Sulfate (SO <sub>4</sub> ) .....	0.015%

<b>5235LB (15801-115)</b>	125 g poly bottle	\$ 28.75
<b>5235AL (15801-010)</b>	500 g poly bottle	92.85
	6 x 500 g poly bottle	69.05
<b>5235NG (15801-200)</b>	2.5 kg poly bottle	369.95
	4 x 2.5 kg poly bottle	351.75
<b>5235PV (15801-250)</b>	12 kg carton	989.85

**SODIUM NITRATE, TECHNICAL, GRANULAR**

NaNO<sub>3</sub> FW 84.99  
DOT: Oxidizer UN 1498  
CAS #7631-99-4 RTECS WC5600000  
Storage Code: Yellow

<b>5250AL (58832-010)</b>	500 g poly bottle	\$ 17.30
	6 x 500 g poly bottle	15.80
<b>5250NG (58832-200)</b>	2.5 kg poly bottle	45.10
	4 x 2.5 kg poly bottle	36.15
<b>5250PV (58832-250)</b>	12 kg carton	94.05
<b>5250UA (58832-600)</b>	45.4 kg (100 lb) drum	163.55
<b>5250UB (58832-610)</b>	45.4 kg (100 lb) bag	122.95

**SODIUM NITRATE, ACS, GRANULAR**

NaNO<sub>3</sub> FW 84.99  
DOT: Oxidizer UN 1498  
CAS #7631-99-4 RTECS WC5600000  
Storage Code: Yellow

**Specifications**

Assay .....	Min. 99.0%
pH of a 5% solution at 25°C .....	5.5 - 8.3
	Maximum Limits of Impurities
Calcium, Magnesium & R <sub>2</sub> O <sub>3</sub> Precipitate .....	0.005%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iodate (IO <sub>3</sub> ) .....	5 ppm
Iron (Fe) .....	3 ppm

Iodate and Nitrite .....	To Pass Test
	(approx. 5 ppm IO <sub>3</sub> and 0.001% NO <sub>2</sub> )
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Sulfate (SO <sub>4</sub> ) .....	0.003%

<b>5240LB (15813-115)</b>	125 g poly bottle	\$ 14.25
	6 x 125 g poly bottle	12.65
<b>5240AL (15813-010)</b>	500 g poly bottle	21.60
	6 x 500 g poly bottle	18.20
<b>5240NG (15813-200)</b>	2.5 kg poly bottle	74.70
	4 x 2.5 kg poly bottle	64.75
<b>5240PV (15813-250)</b>	12 kg carton	282.90
<b>5240UC (15813-700)</b>	50 kg (110 lb) drum	393.65
	12 x 50 kg (110 lb) drum	352.05

**SODIUM NITRITE, USP, GRANULAR**

NaNO <sub>2</sub>	FW 69.00
DOT: Oxidizer	UN 1500
CAS #7632-00-0	RTECS RA1225000
Storage Code: Yellow	

<b>5265AL (25793-010)</b>	500 g poly bottle	\$ 95.00
	6 x 500 g poly bottle	87.00
<b>5265NG (25793-200)</b>	2.5 kg poly bottle	310.00
<b>5265PV (25793-250)</b>	12 kg carton	995.00
<b>5265UA (25793-600)</b>	45.4 kg (100 lb) drum	Inquire

**SODIUM NITRITE, ACS, GRANULAR**

NaNO <sub>2</sub>	FW 69.00
DOT: Oxidizer	UN 1500
CAS #7632-00-0	RTECS RA1225000
Storage Code: Yellow	

**Specifications**

Assay .....	Min. 97.0%
	Maximum Limits of Impurities
Calcium (Ca) .....	0.01%
Chloride (Cl) .....	0.005%
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Potassium (K) .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>5255LB (15823-115)</b>	125 g poly bottle	\$ 15.90
<b>5255AL (15823-010)</b>	500 g poly bottle	27.90
	6 x 500 g poly bottle	21.50
<b>5255NG (15823-200)</b>	2.5 kg poly bottle	82.50
	4 x 2.5 kg poly bottle	72.60
<b>5255PV (15823-250)</b>	12 kg carton	323.00

**SODIUM NITRITE, 5% (w/v) Aqueous (5 g/100 ml water), A.P.H.A.**

for Manganese

<b>9673KK (63540-111)</b>	100 ml poly bottle	\$ 12.35
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**SODIUM NITROFERRICYANIDE, ACS**

Na<sub>2</sub>Fe(CN)<sub>5</sub>NO! 2H<sub>2</sub>O FW 297.95  
 DOT: Poison UN 2811  
 CAS #13755-38-9 RTECS LJ8925000  
 Storage Code: Blue

**Specifications**

Assay ..... 99.0 - 102.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.02%  
 Insoluble Matter ..... 0.01%  
 Sulfate (SO<sub>4</sub>) ..... To Pass Test  
 (approx. 0.01%)

**5270LB (15834-115)** 125 g poly bottle \$ 44.40

**SODIUM OXALATE, ACS, POWDER**

Na<sub>2</sub>C<sub>2</sub>O<sub>4</sub> FW 134.00  
 DOT: Poison UN 2449  
 CAS #62-76-0 RTECS KI1750000  
 Storage Code: White

**Specifications**

Assay ..... Min. 99.5%  
 Maximum Limits of Impurities  
 Ammonium (NH<sub>4</sub>) ..... 0.002%  
 Chloride (Cl) ..... 0.002%  
 Heavy Metals (as Pb) ..... 0.002%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 0.001%  
 Loss on Drying at 105°C ..... 0.01%  
 Neutrality ..... To Pass Test  
 Potassium (K) ..... 0.005%  
 Substances Darkened by Hot Sulfuric Acid ..... To Pass Test  
 Sulfate (SO<sub>4</sub>) ..... 0.002%

**5275LB (15841-115)** 125 g poly bottle \$ 23.20  
 6 x 125 g poly bottle 17.50

**5275AL (15841-010)** 500 g poly bottle 48.90  
 6 x 500 g poly bottle 42.25

**5275NG (15841-200)** 2.5 kg poly bottle 166.60  
 4 x 2.5 kg poly bottle 158.70

**5275PV (15841-250)** 12 kg carton 705.50

**SODIUM PERIODATE, META, ACS, GRANULAR**

NaIO<sub>4</sub> FW 213.89  
 DOT: Oxidizer UN 1479  
 CAS #7790-28-5 RTECS SD4550000  
 Storage Code: Yellow

**Specifications**

Assay (Dried Basis) ..... 99.8 - 100.3%  
 Maximum Limits of Impurities  
 Manganese (Mn) ..... 3 ppm  
 Other Halogens (as Cl) ..... 0.02%

**5285AH (15902-008)** 25 g poly bottle \$ 23.45

**5285LB (15902-115)** 125 g poly bottle 77.75  
 6 x 125 g poly bottle 56.10

**5285AL (15902-010)** 500 g poly bottle 189.65  
 6 x 500 g poly bottle 154.40

**SODIUM PEROXIDE, ACS, GRANULAR**

Na<sub>2</sub>O<sub>2</sub> FW 77.98  
 DOT: Oxidizer UN 1504  
 CAS #1313-60-6 RTECS WD3450000  
 Storage Code: Yellow

**Specifications**

Assay ..... Min. 93.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.002%  
 Heavy Metals (as Pb) ..... 0.002%  
 Iron (Fe) ..... 0.005%  
 Nitrogen Compounds (as N) ..... 0.003%  
 Phosphate (PO<sub>4</sub>) ..... 5 ppm  
 Sulfate (SO<sub>4</sub>) ..... 0.001%

**5290LB (15912-115)** 125 g poly bottle \$60.20  
 6 x 125 g poly bottle 49.50  
**5290AL (15912-010)** 500 g poly bottle 192.35  
 6 x 500 g poly bottle 174.20  
**5290NG (15912-200)** 2.5 kg poly bottle 602.60

**SODIUM PHOSPHATE, DIBASIC, ANHYDROUS, FCC**

Na<sub>2</sub>HPO<sub>4</sub> FW 141.96  
 DOT: Not Regulated (RQ 5000 lb.)  
 CAS #7558-79-4 RTECS WC4500000  
 Storage Code: Green

**5305AL (37561-010)** 500 g poly bottle \$ 17.10  
 6 x 500 g poly bottle 15.20  
**5305PV (37561-250)** 12 kg carton 150.10

**SODIUM PHOSPHATE, DIBASIC, ANHYDROUS, ACS, POWDER**

Na<sub>2</sub>HPO<sub>4</sub> FW 141.96  
 DOT: Not Regulated (RQ 5000 lb.)  
 CAS #7558-79-4 RTECS WC4500000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99.0%  
 pH of a 5% solution at 25°C ..... 8.7 - 9.3  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.002%  
 Heavy Metals (as Pb) ..... 0.001%  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.002%  
 Loss on Drying at 105°C ..... 0.2%  
 Nitrogen Compounds (as N) ..... 0.002%  
 Sulfate (SO<sub>4</sub>) ..... 0.005%

**5300LB (15931-115)** 125 g poly bottle \$ 14.35  
 6 x 125 g poly bottle 9.35  
**5300AL (15931-010)** 500 g poly bottle 33.65  
 6 x 500 g poly bottle 23.00  
**5300NG (15931-200)** 2.5 kg poly bottle 98.50  
 4 x 2.5 kg poly bottle 78.25  
**5300PV (15931-250)** 12 kg carton 295.55  
**5300UC (15931-700)** 50 kg (110 lb) drum 495.40  
 12 x 50 kg (110 lb) drum 391.00



**SODIUM PHOSPHATE, DIBASIC, HEPTAHYDRATE, ACS, CRYSTAL**Na<sub>2</sub>HPO<sub>4</sub>·7H<sub>2</sub>O FW 268.07

DOT: Not Regulated (RQ 5000 lb.)

CAS #7782-85-6 RTECS WC4600000

Storage Code: Green

**Specifications**Assay (Na<sub>2</sub>HPO<sub>4</sub>·7H<sub>2</sub>O) ..... 98.0 - 102.0%

pH of a 5% solution at 25°C ..... 8.7 - 9.3

**Maximum Limits of Impurities**

Arsenic (As) ..... 5 ppm

Chloride (Cl) ..... 0.001%

Heavy Metals (as Pb) ..... 0.001%

Insoluble Matter ..... 0.005%

Iron (Fe) ..... 0.001%

Nitrogen Compounds (as N) ..... 0.001%

Sulfate (SO<sub>4</sub>) ..... 0.005%**5310AL (15953-010)** 500 g poly bottle \$ 23.20

6 x 500 g poly bottle 18.65

**5310NG (15953-200)** 2.5 kg poly bottle 91.30

4 x 2.5 kg poly bottle 81.90

**5310PV (15953-250)** 12 kg carton 285.20**5310UC (15953-700)** 50 kg (110 lb) drum 395.75**SODIUM PHOSPHATE, DIBASIC, USP, DRIED POWDER**Na<sub>2</sub>HPO<sub>4</sub>·7H<sub>2</sub>O FW 268.07

DOT: Not Regulated (RQ 5000 lb.)

CAS #7782-85-6 RTECS WC4600000

Storage Code: Green

**5315PV (25801-250)** 12 kg carton \$ 315.70**SODIUM PHOSPHATE, MONOBASIC, MONOHYDRATE, ACS, CRYSTAL**NaH<sub>2</sub>PO<sub>4</sub>·H<sub>2</sub>O FW 137.99

DOT: Not Regulated (RQ 5000 lb.)

CAS #10049-21-5 RTECS WA1900000

Storage Code: Green

**Specifications**

Assay ..... 98.0 - 102.0%

pH of a 5% solution at 25°C ..... 4.1 - 4.5

**Maximum Limits of Impurities**

Arsenic (As) ..... 0.5 ppm

Chloride (Cl) ..... 5 ppm

Heavy Metals (as Pb) ..... 0.001%

Insoluble Matter, Calcium and Ammonium Hydroxide Precipitate ..... 0.01%

Iron (Fe) ..... 0.001%

Nitrogen Compounds (as N) ..... 0.001%

Sulfate (SO<sub>4</sub>) ..... 0.003%**5325LB (15973-115)** 125 g poly bottle \$ 10.25**5325AL (15973-010)** 500 g poly bottle 36.30

6 x 500 g poly bottle 28.10

**5325NG (15973-200)** 2.5 kg poly bottle 120.60

4 x 2.5 kg poly bottle 107.90

**5325PV (15973-250)** 12 kg carton 397.50**5325UC (15973-700)** 50 kg (110 lb) drum 518.35**SODIUM PHOSPHATE, TRIBASIC, TECHNICAL**Na<sub>3</sub>PO<sub>4</sub>·12H<sub>2</sub>O FW 380.12

DOT: Not Regulated (RQ 5000 lb.)

CAS #10101-89-0 RTECS TC9575000

Storage Code: Green

**5340NG (58863-200)** 2.5 kg poly bottle \$ 32.85

4 x 2.5 kg poly bottle 26.90

**5340PV (58863-250)** 12 kg carton 83.30

**SODIUM PHOSPHATE, TRIBASIC, ACS, CRYSTAL**Na<sub>3</sub>PO<sub>4</sub> 12H<sub>2</sub>O FW 380.12

DOT: Not Regulated (RQ 5000 lb.)

CAS #10101-89-0 RTECS TC9575000

Storage Code: Green

**Specifications**

Assay .....	98.0 - 102.0%
Maximum Limits of Impurities	
Arsenic (As) .....	5 ppm
Chloride (Cl) .....	0.001%
Excess Alkali (as NaOH) .....	2.5%
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Nitrogen Compounds (as N) .....	0.001%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>5330AL (15993-010)</b>	500 g poly bottle	\$ 26.45
	6 x 500 g poly bottle	21.80
<b>5330NG (15993-200)</b>	2.5 kg poly bottle	88.00
	4 x 2.5 kg poly bottle	79.25
<b>5330PV (15993-250)</b>	12 kg carton	348.80
<b>5330UC (15993-700)</b>	50 kg (110 lb) drum	589.40

**SODIUM PROPIONATE, ANHYDROUS, FCC**CH<sub>3</sub>CH<sub>2</sub>COONa FW 96.06

CAS #137-40-6

Storage Code: Green

<b>5345AL (16005-010)</b>	500 g poly bottle	\$ 17.45
<b>5345NG (16005-200)</b>	2.5 kg poly bottle	60.40
<b>5345PV (16005-250)</b>	12 kg carton	190.10

**SODIUM PYROPHOSPHATE, ACS, CRYSTAL**Na<sub>4</sub>P<sub>2</sub>O<sub>7</sub> 10H<sub>2</sub>O FW 446.06

CAS #13472-36-1 RTECS UX7350000

Storage Code: Green

**Specifications**

Assay .....	99.0 - 103.0%
pH of a 5% solution at 25°C .....	9.5 - 10.5
Maximum Limits of Impurities	
Arsenic (As) .....	5 ppm
Chloride (Cl) .....	0.002%
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Nitrogen Compounds (as N) .....	0.001%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>5350AL (16013-010)</b>	500 g poly bottle	\$ 36.50
	6 x 500 g poly bottle	27.20
<b>5350NG (16013-200)</b>	2.5 kg poly bottle	112.30
	4 x 2.5 kg poly bottle	93.00
<b>5350PV (16013-250)</b>	12 kg carton	404.05

**SODIUM SILICATE, META, ANHYDROUS, TECHNICAL**Na<sub>2</sub>SiO<sub>3</sub> FW 122.06

CAS #6834-92-0 RTECS VV9275000

Storage Code: Green

<b>5375AL (58883-010)</b>	500 g poly bottle	\$ 18.95
	6 x 500 g poly bottle	16.50

<b>5375NG (58883-200)</b>	2.5 kg poly bottle	38.95
	4 x 2.5 kg poly bottle	28.25
<b>5375PV (58883-250)</b>	12 kg carton	87.65

**SODIUM SILICATE, 42° Be SOLUTION**

CAS #1344-09-8  
Storage Code: Green

<b>5370CM (58880-033)</b>	500 ml poly bottle	\$ 12.35
<b>5370GD (58880-070)</b>	3.8 L poly bottle	28.15
	4 x 3.8 L poly bottle	21.65
<b>5370QF (58880-290)</b>	19 L ventflo carboy	81.25

**SODIUM SULFATE, ANHYDROUS, ACS, GRANULAR**

Na<sub>2</sub>SO<sub>4</sub> FW 142.04  
CAS #7757-82-6 RTECS WE1650000  
Storage Code: Green

<b>Specifications</b>	
Assay .....	Min. 99.0%
pH of a 5% solution at 25°C .....	5.2 - 9.2
Maximum Limits of Impurities	
Arsenic (As) .....	1 ppm
Calcium, Magnesium & R <sub>2</sub> O <sub>3</sub> Precipitate .....	0.02%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Loss on Ignition .....	0.5%
Nitrogen Compounds (as N) .....	5 ppm

<b>5395AL (16032-010)</b>	500 g poly bottle	\$ 17.50
	6 x 500 g poly bottle	13.15
<b>5395NG (16032-200)</b>	2.5 kg poly bottle	52.25
	4 x 2.5 kg poly bottle	48.60
<b>5395PV (16032-250)</b>	12 kg carton	173.90
<b>5395UC (16032-700)</b>	50 kg (110 lb) drum	273.75
<b>5395VA (16032-955)</b>	136 kg (300 lb) drum	716.75
	8 x 136 kg drum	652.75

**SODIUM SULFATE, ANHYDROUS, ACS, GRANULAR, 10-60 MESH, LOW ORGANIC**

Suitable for pesticide residue analysis

Na<sub>2</sub>SO<sub>4</sub> FW 142.04  
CAS #7757-82-6 RTECS WE1650000  
Storage Code: Green

<b>Specifications</b>	
Assay .....	Min. 99.0%
Suitability for Use in EPA Method 608.....	To Pass Test
pH of a 5% solution at 25°C .....	5.2 - 9.2
Maximum Limits of Impurities	
Arsenic (As) .....	1 ppm
Calcium, Magnesium & R <sub>2</sub> O <sub>3</sub> Precipitate .....	0.02%
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Loss on Ignition .....	0.5%
Nitrogen Compounds (as N) .....	5 ppm
Phosphate (PO <sub>4</sub> ).....	0.001%
Potassium (K).....	0.01%

<b>5390AL (16012-010)</b>	500 g poly bottle	\$ 18.50
	6 x 500 g poly bottle	14.15
<b>5390NG (16012-200)</b>	2.5 kg poly bottle	58.25
	4 x 2.5 kg poly bottle	42.60
<b>5390PV (16012-250)</b>	12 kg carton	193.90

**SODIUM SULFATE, ANHYDROUS, TECHNICAL**

Na<sub>2</sub>SO<sub>4</sub> FW 142.04  
 CAS #7757-82-6 RTECS WE1650000  
 Storage Code: Green

**5410NG (58892-200)** 2.5 kg poly bottle \$ 29.60  
**5410PV (58892-250)** 12 kg carton 95.70

**SODIUM SULFATE, DECAHYDRATE, REAGENT**

Na<sub>2</sub>SO<sub>4</sub> · 10H<sub>2</sub>O FW 322.19  
 CAS #7727-73-3 RTECS WS8402000  
 Storage Code: Green

**5430AL (58895-010)** 500 g poly bottle \$ 19.20  
**5430NG (58895-200)** 2.5 kg poly bottle 72.65

**SODIUM SULFIDE, ACS, CRYSTAL**

Na<sub>2</sub>S · 9H<sub>2</sub>O FW 240.18  
 DOT: Corrosive Material UN 1849  
 CAS #1313-84-4 RTECS WE1925000  
 Storage Code: Red

**Specifications**

Appearance ..... Crystals, colorless or with only a slight yellow color  
 Assay ..... 98.0 - 103.0%  
 Maximum Limits of Impurities  
 Ammonium (NH<sub>4</sub>) ..... 0.005%  
 Iron (Fe) ..... To Pass Test  
 Sulfite and Thiosulfate (as SO<sub>4</sub>) ..... 0.1%

**5435AL (16053-010)** 500 g poly bottle \$ 38.00  
 6 x 500 g poly bottle 31.85  
**5435NG (16053-200)** 2.5 kg poly bottle 113.15  
 4 x 2.5 kg poly bottle 85.65  
**5435PV (16053-250)** 12 kg carton 368.90  
**5435UC (16053-700)** 50 kg (110 lb) drum 583.80

**SODIUM SULFIDE, TECHNICAL, FLAKE**

Na<sub>2</sub>S · 9H<sub>2</sub>O FW 240.20  
 DOT: Corrosive Material UN 1849  
 CAS #1313-84-4 RTECS WE1925000  
 Storage Code: Red

**5440AL (58906-010)** 500 g poly bottle \$ 23.70  
 6 x 500 g poly bottle 16.95  
**5440NG (58906-200)** 2.5 kg poly bottle 71.75  
 4 x 2.5 kg poly bottle 55.15  
**5440PV (58906-250)** 12 kg carton 184.20

**SODIUM SULFITE, ANHYDROUS, ACS, FINE GRANULAR**

Na<sub>2</sub>SO<sub>3</sub> FW 126.04  
 CAS #7757-83-7 RTECS WE2150000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 98.0%  
 Maximum Limits of Impurities  
 Arsenic (As) ..... 1 ppm  
 Chloride (Cl) ..... 0.02%  
 Free Acid ..... To Pass Test  
 Heavy Metals (as Pb) ..... 0.001%  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 0.001%  
 Titratable Free Base ..... 0.03 meq/g

**5445AL (16062-010)** 500 g poly bottle \$ 14.20

	6 x 500 g poly bottle	11.80
<b>5445NG (16062-200)</b>	2.5 kg poly bottle	54.20
	4 x 2.5 kg poly bottle	41.35
<b>5445PV (16062-250)</b>	12 kg carton	137.40

**SODIUM SULFITE, ANHYDROUS, PHOTO**

Na<sub>2</sub>SO<sub>3</sub> FW 126.04  
CAS #7757-83-7 RTECS WE2150000  
Storage Code: Green

<b>5455AL (58912-010)</b>	500 g poly bottle	\$ 16.85
<b>5455NG (58912-200)</b>	2.5 kg poly bottle	41.60

**SODIUM TARTRATE, ACS, CRYSTAL**

Na<sub>2</sub>C<sub>4</sub>H<sub>4</sub>O<sub>6</sub> · 2H<sub>2</sub>O FW 230.08  
CAS #6106-24-7  
Storage Code: Green

**Specifications**

Assay .....	99.0 - 101.0%
pH of a 5% Solution at 25 °C .....	7.0 - 9.0
Loss on Drying at 150°C .....	15.61 - 15.71%

**Maximum Limits of Impurities**

Ammonium .....	0.003%
Calcium .....	0.01%
Chloride .....	5 ppm
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron .....	0.001%
Phosphate .....	5 ppm
Sulfate .....	0.005%

<b>5460AL (16093-010)</b>	500 g poly bottle	\$ 46.60
	6 x 500 g poly bottle	39.90
<b>5460NG (16093-200)</b>	2.5 kg poly bottle	180.80
	4 x 2.5 kg poly bottle	164.60
<b>5460PV (16093-250)</b>	12 kg carton	776.25

**SODIUM THIOCYANATE, CRYSTALS, ACS**

(Sodium Sulfocyanide) Light Sensitive and Hygroscopic

NaSCN FW 81.07  
CAS #540-72-7  
Storage Code: Green

**Specifications**

Assay (NaSCN) .....	Min. 98.0%
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**Maximum Limits of Impurities**

Insoluble Matter .....	0.005%
Carbonate (as Na <sub>2</sub> CO <sub>3</sub> ) .....	0.2%
Chloride (Cl) .....	0.01%
Sulfates (SO <sub>4</sub> ).....	0.01%
Sulfide (as S).....	0.001%
Ammonium (NH <sub>4</sub> ) .....	0.002%
Heavy Metals (as Pb) .....	5 ppm
Iron (Fe) .....	2 ppm

<b>5467AL</b>	500 gm poly bottle	\$ 55.00
	6 x 500 gm poly bottle	47.50
<b>5467NG</b>	2.5 kg poly bottle	179.00
	4 x 2.5 kg poly bottle	159.00
<b>5467PW</b>	12 kg poly pail	475.00
	27 x 12 Kg poly pails	379.00

**SODIUM THIOSULFATE, ANHYDROUS, PHOTO GRADE**

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> FW 158.11  
 CAS #7772-98-7 RTECS XN6476000  
 Storage Code: Green

**5470NG (16132-200)** 2.5 kg poly bottle \$ 19.70  
**5470PV (16132-250)** 12 kg carton 77.65

**SODIUM THIOSULFATE, PENTAHYDRATE, ACS, CRYSTAL**

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>·5H<sub>2</sub>O FW 248.18  
 CAS #10102-17-7 RTECS WE6660000  
 Storage Code: Green

**Specifications**

Assay ..... 99.5 - 101.0%  
 pH of a 5% solution at 25°C ..... 6.0 - 8.4

**Maximum Limits of Impurities**

Insoluble Matter ..... 0.005%  
 Nitrogen Compounds (as N) ..... 0.002%  
 Sulfate and Sulfite (as SO<sub>4</sub>) ..... 0.1%  
 Sulfide (S) ..... To Pass Test  
 (approx. 1 ppm)

**5480AL (16133-010)** 500 g poly bottle \$ 14.60  
 6 x 500 g poly bottle 9.75  
**5480NG (16133-200)** 2.5 kg poly bottle 38.30  
 4 x 2.5 kg poly bottle 31.60  
**5480PV (16133-250)** 12 kg carton 124.55  
**5480UA (16133-600)** 45.4 kg (100 lb) drum 255.00

**SODIUM THIOSULFATE, PENTAHYDRATE, PHOTO, CRYSTAL**

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>·5H<sub>2</sub>O FW 248.18  
 CAS #10102-17-7 RTECS WE6660000  
 Storage Code: Green

**5485AL (56133-010)** 500 g poly bottle \$ 13.00  
 6 x 500 g poly bottle 8.65  
**5485NG (56133-200)** 2.5 kg poly bottle 49.45  
 4 x 2.5 kg poly bottle 40.45  
**5485PV (56133-250)** 12 kg carton 90.20  
**5485UB (56133-610)** 45.4 kg (100 lb) bag 84.90

**SODIUM THIOSULFATE, 0.01 NORMAL (N/100)**

**9685GA (63550-067)** 1 L poly bottle \$ 10.90  
**9685GD (63550-070)** 3.8 L poly bottle 24.85

**SODIUM THIOSULFATE, 0.0250 NORMAL (N/40)**

**9688GA (63560-067)** 1 L poly bottle \$ 10.90  
**9688GD (63560-070)** 3.8 L poly bottle 24.85

**SODIUM THIOSULFATE, 0.0394 NORMAL, A.S.T.M. D1510**

for Iodine, Adsorption Number of Carbon Black

**9694GD (63565-070)** 3.8 L poly bottle \$ 28.10  
**9694QH (63565-292)** 20 L Hedwin cube 85.00

**SODIUM THIOSULFATE, 0.100 NORMAL (N/10), A.P.H.A.**

<b>9697GA (63570-067)</b>	1 L poly bottle	\$ 10.90
<b>9697GD (63570-070)</b>	3.8 L poly bottle	27.85
<b>9697QH (63570-292)</b>	20 L Hedwin cube	71.45

**SODIUM THIOSULFATE, 1.00 NORMAL**

<b>9709GA (63575-067)</b>	1 L poly bottle	\$ 13.40
<b>9709GD (63575-070)</b>	3.8 L poly bottle	30.55
<b>9709QH (63575-292)</b>	20 L Hedwin cube	92.15

**SODIUM THIOSULFATE SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**SOLVENTS, HPLC GRADES** available for a number of products. Inquire for prices.

**STANNIC CHLORIDE, PENTAHYDRATE, PURIFIED**

SnCl <sub>4</sub> ·5H <sub>2</sub> O	FW 350.61
DOT: Corrosive Material	UN 2440
CAS #10026-06-9	
Storage Code: White	

<b>5500AL (16163-010)</b>	500 g poly bottle	\$ 48.15
<b>5500NG (16163-200)</b>	2.5 kg poly bottle	161.10

**STANNIC OXIDE, DENTAL GRADE, POWDER**

SnO <sub>2</sub>	FW 150.70
CAS #18282-10-5	
Storage Code: Green	

<b>5510LB (16183-115)</b>	125 g poly bottle	\$ 27.65
	6 x 125 g poly bottle	24.90
<b>5510AL (16183-010)</b>	500 g poly bottle	79.10
	6 x 500 g poly bottle	62.80
<b>5510NG (16183-200)</b>	2.5 kg poly bottle	267.05
	4 x 2.5 kg poly bottle	239.50

**STANNOUS CHLORIDE, DIHYDRATE, ACS, CRYSTAL**

SnCl <sub>2</sub> ·2H <sub>2</sub> O	FW 225.63
DOT: Corrosive	UN 1759
CAS #10025-69-1	RTECS XP8850000
Storage Code: Green	

**Specifications**

Assay .....	98.0 - 103.0%
	Maximum Limits of Impurities
Arsenic (As) .....	2 ppm
Iron (Fe) .....	0.003%
Other Metals (as Pb) .....	0.01%
Solubility in Hydrochloric Acid .....	To Pass Test
Substances not Precipitated. by Hydrogen Sulfide (as Sulfates) .....	0.05%
Sulfate (SO <sub>4</sub> ) .....	To Pass Test
	(approx. 0.003%)

<b>5515LB (16173-115)</b>	125 g poly bottle	\$ 32.90
	6 x 125 g poly bottle	23.35
<b>5515AL (16173-010)</b>	500 g poly bottle	76.10
	6 x 500 g poly bottle	62.75
<b>5515NG (16173-200)</b>	2.5 kg poly bottle	313.60
	4 x 2.5 kg poly bottle	276.35
<b>5515PV (16173-250)</b>	12 kg carton	786.65
<b>5515UA (16173-600)</b>	45.4 kg (100 lb) drum	1241.90

**STANNOUS FLUOBORATE, 50%, PURIFIED**

Sn(BF<sub>4</sub>)<sub>2</sub> FW 292.29  
 DOT: Corrosive Liquid UN1760  
 CAS #13814-97-6  
 Storage Code: White

<b>5520HB (57930-080)</b>	4 L poly bottle	\$ 193.10
	4 x 4 L poly bottle	158.00
<b>5520QA (57930-270)</b>	18 L drum	484.85
<b>5520PA (57930-209)</b>	57 L drum	1,289.00

**STARCH, POTATO, SOLUBLE, ACS, POWDER**

(C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub> FW (162.15)n  
 CAS #9005-84-9  
 Storage Code: Green

	<b>Specifications</b>
pH of a 2% solution at 25°C .....	5.0 - 7.0
	Maximum Limits of Impurities
Residue After Ignition .....	0.4%
Sensitivity .....	To Pass Test
Solubility .....	To Pass Test

<b>5525LB (16201-115)</b>	125 g poly bottle	\$ 19.00
	6 x 125 g poly bottle	14.00
<b>5525AL (16201-010)</b>	500 g poly bottle	45.00
	6 x 500 g poly bottle	38.00
<b>5525NG (16201-200)</b>	2.5 kg poly bottle	185.00
	4 x 2.5 kg poly bottle	170.00

**STARCH, POTATO, SOLUBLE, TECHNICAL**

(C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub> FW (162.15)n  
 CAS #9005-84-9  
 Storage Code: Green

<b>5530AL (57960-010)</b>	500 g poly bottle	\$ 15.65
<b>5530PB (57960-210)</b>	2.5 kg carton	34.35

**STARCH INDICATOR, 0.5% (w/v) Aqueous, A.P.H.A.**

<b>9721CM (63590-033)</b>	500 ml poly bottle	\$ 9.35
<b>9721GA (63590-067)</b>	1 L poly bottle	11.40
<b>9721GD (63590-070)</b>	3.8 L poly bottle	27.95
<b>9721QH (63590-292)</b>	20 L Hedwin cube, w/spigot	92.15

**STARCH INDICATOR, 1% (w/v) Aqueous**

for General Iodometric Titrations, Mercuric Iodide as preservative

<b>9724CM (63600-033)</b>	500 ml poly bottle	\$ 10.50
<b>9724GA (63600-067)</b>	1 L poly bottle	19.80
<b>9724GD (63600-070)</b>	3.8 L poly bottle	34.15
<b>9724QH (63600-292)</b>	20 L Hedwin cube, w/spigot	93.15



**STEARIC ACID, NF, TRIPLE PRESSED, POWDER**

Chiefly CH<sub>3</sub>(CH<sub>2</sub>)<sub>16</sub>COOH FW 284.49  
 CAS #57-11-4 RTECS WI2800000  
 Storage Code: Green

<b>5540AL (25706-010)</b>	500 g poly bottle	\$ 15.65
	6 x 500 g poly bottle	13.35
<b>5540PB (25706-210)</b>	2.5 kg carton	62.45
	4 x 2.5 kg carton	58.30
<b>5540PV (25706-250)</b>	12 kg carton	163.55
<b>5540TQ (25706-510)</b>	22.7 kg (50 lb) bag	172.75

**STRONTIUM CARBONATE, PURIFIED, POWDER**

SrCO<sub>3</sub> FW 147.64  
 CAS #1633-05-2  
 Storage Code: Green

<b>5550AL (57981-010)</b>	500 g poly bottle	\$ 26.00
<b>5550NG (57981-200)</b>	2.5 kg poly bottle	78.00
<b>5550PV (57981-250)</b>	12 kg carton	269.00

**STRONTIUM CHLORIDE, ACS, GRANULAR**

SrCl<sub>2</sub>·6H<sub>2</sub>O FW 266.62  
 CAS #10025-70-4 RTECS WK8575000  
 Storage Code: Green

<b>Specifications</b>	
Assay .....	99.0 - 103.0%
pH of a 5% solution at 25°C .....	5.0 - 7.0
<b>Maximum Limits of Impurities</b>	
Barium (Ba) .....	0.05%
Calcium (Ca) .....	0.05%
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Magnesium (Mg) .....	2 ppm
Sulfate (SO <sub>4</sub> ) .....	0.001%

<b>5555LB (16203-115)</b>	125 g poly bottle	\$ 22.00
	6 x 125 g poly bottle	19.00
<b>5555AL (16203-010)</b>	500 g poly bottle	61.00
	6 x 500 g poly bottle	52.00
<b>5555NG (16203-200)</b>	2.5 kg poly bottle	198.00
	4 x 2.5 kg poly bottle	175.00

**STRONTIUM NITRATE, PURIFIED**

Sr(NO<sub>3</sub>)<sub>2</sub> FW 211.63  
 DOT: Oxidizer UN 1507  
 CAS #10042-76-9 RTECS WK9800000  
 Storage Code: Yellow

<b>5565AL (58001-010)</b>	500 g poly bottle	\$ 17.60
	6 x 500 g poly bottle	14.50
<b>5565NG (58001-200)</b>	2.5 kg poly bottle	48.00
	4 x 2.5 kg poly bottle	42.00
<b>5565PV (58001-250)</b>	12 kg carton	165.00
<b>5565UB (58001-610)</b>	45.4 kg (100 lb) bag	250.00

**STRONTIUM NITRATE, ANHYDROUS, ACS, GRANULAR**

Sr(NO<sub>3</sub>)<sub>2</sub> FW 211.63  
 DOT: Oxidizer UN 1507  
 CAS #10042-76-9 RTECS WK9800000  
 Storage Code: Yellow

**Specifications**

Assay ..... Min. 99.0%  
 pH of a 5% solution at 25°C ..... 5.0 - 7.0  
 Maximum Limits of Impurities  
 Barium (Ba) ..... 0.05%  
 Calcium (Ca) ..... 0.05%  
 Chloride (Cl) ..... 0.002%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 5 ppm  
 Loss on Drying at 105°C ..... 0.1%  
 Magnesium and Alkali Salts (as Sulfates) ..... 0.15%  
 Sulfate (SO<sub>4</sub>) ..... 0.005%

<b>5560LB (16193-115)</b>	125 g poly bottle	\$ 18.00
	6 x 125 g poly bottle	16.50
<b>5560AL (16193-010)</b>	500 g poly bottle	45.00
	6 x 500 g poly bottle	39.00
<b>5560NG (16193-200)</b>	2.5 kg poly bottle	169.00
	4 x 2.5 kg poly bottle	155.00

**SUCROSE, ACS, CRYSTAL**

C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> FW 342.30  
 CAS #57-50-1 RTECS WN6500000  
 Storage Code: Green

**Specifications**

Specific Rotation at 25°C ..... +66.3° - +66.8°  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.005%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Invert Sugar ..... 0.05%  
 Iron (Fe) ..... 5 ppm  
 Loss on Drying at 105°C ..... 0.03%  
 Residue After Ignition ..... 0.01%  
 Sulfate and Sulfite (as SO<sub>4</sub>) ..... 0.005%  
 Titratable Acid ..... 0.0008 meq/g

<b>5580AL (16243-010)</b>	500 g poly bottle	\$ 15.55
	6 x 500 g poly bottle	10.35
<b>5580NG (16243-200)</b>	2.5 kg poly bottle	71.65
	4 x 2.5 kg poly bottle	47.30
<b>5580PV (16243-250)</b>	12 kg carton	185.65
<b>5580UA (16243-600)</b>	45.4 kg (100 lb) drum	269.75

**SUDAN III, C.I. 26100**

(Solvent Red 23)  
 C<sub>22</sub>H<sub>16</sub>N<sub>4</sub>O FW 352.40  
 CAS #85-86-9 RTECS QK4250000  
 Storage Code: Green

<b>9736BH (78590-019)</b>	5 g glass bottle	\$ 7.45
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**SUDAN III, ALCOHOLIC SOLUTION, FAT STAIN**

<b>9733KK (63610-111)</b>	100 ml poly bottle	\$ 8.30
<b>9733CM (63610-033)</b>	500 ml poly bottle	12.45

**SUDAN IV, C.I. 26105 (Solvent Red 24)**

C<sub>24</sub>H<sub>20</sub>N<sub>4</sub>O FW 380.45  
 CAS #85-83-6 RTECS QL5775000  
 Storage Code: Green

<b>9742BE (78950-016)</b>	10 g glass bottle	\$ 9.10
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**SUDAN IV, ALCOHOLIC SOLUTION, FAT STAIN**

<b>9739KK (63620-111)</b>	100 ml poly bottle	\$ 15.30
<b>9739CM (63620-033)</b>	500 ml poly bottle	22.45

**SULFAMIC ACID, REAGENT**

H<sub>2</sub>NSO<sub>2</sub>OH FW 97.10  
 DOT: Corrosive Material UN 2967  
 CAS #5329-14-6 RTECS WO5950000  
 Storage Code: White

<b>5600LA (16281-114)</b>	100 g poly bottle	\$ 15.55
	6 x 100 g poly bottle	10.35
<b>5600AL (16281-010)</b>	500 g poly bottle	36.50
	6 x 500 g poly bottle	29.60

**SULFAMIC ACID, 99+%**

H<sub>2</sub>NSO<sub>2</sub>OH FW 97.10  
 DOT: Corrosive Material UN 2967  
 CAS #5329-14-6 RTECS WO5950000  
 Storage Code: White

<b>5595AL (58081-010)</b>	500 g poly bottle	\$ 28.65
<b>5595NG (58081-200)</b>	2.5 kg poly bottle	39.55
<b>5595PV (58081-250)</b>	12 kg carton	169.40
<b>5595TN (58081-500)</b>	22.7 kg (50 lb) drum	306.50

**SULFANILAMIDE, REAGENT**

C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>S FW 172.21  
 CAS #63-74-1 RTECS WO8400000  
 Storage Code: Green

**Specifications**

Assay ..... 98%  
 Melting Point ..... 164 - 166°C

<b>5605LA (58130-114)</b>	100 g poly bottle	\$ 14.95
<b>5605AL (58130-010)</b>	500 g poly bottle	42.80
<b>5605NG (58130-200)</b>	2.5 kg poly bottle	148.15

**SULFANILIC ACID, ANHYDROUS ACS CRYSTAL**

NH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>SO<sub>2</sub>OH FW 173.18  
 CAS #121-57-3  
 Storage Code: Green

**Specifications**

Assay ..... 98.0 - 102.0%  
 Maximum Limits of Impurities  
 Chloride (Cl) ..... 0.002%  
 Insoluble in Sodium Carbonate Solution ..... 0.02%  
 Nitrite (NO<sub>2</sub>) ..... 0.5 ppm  
 Residue After Ignition ..... 0.01%  
 Sulfate (SO<sub>4</sub>) ..... 0.01%

<b>5610LB (16293-115)</b>	125 g poly bottle	\$ 70.40
	6 x 125 g poly bottle	57.60
<b>5610AL (16293-010)</b>	500 g poly bottle	95.25
	6 x 500 g poly bottle	86.50
<b>5610NG (16293-200)</b>	2.5 kg poly bottle	391.15
<b>5610PV (16293-250)</b>	12 kg carton	1,575.00

**SULFATE-SULFUR REAGENT CONCENTRATE**

Soil determination for plant available sulfur  
 (1.6 L concentrate dilutes with distilled water to 3.8 L)

<b>9745FE (63625-059)</b>	1.6 L poly bottle	\$ 18.15
<b>9745QG (63625-291)</b>	16 L Hedwin cube, w/spigot	43.95

**SULFUR, PRECIPITATED, USP, POWDER**

S AW 32.06  
 DOT: Miscellaneous NA 1350  
 CAS #7704-34-9 RTECS WS4250000  
 Storage Code: Green

<b>5635AL (24831-010)</b>	500 g poly bottle	\$ 17.65
	6 x 500 g poly bottle	15.85
<b>5635NG (24831-200)</b>	2.5 kg poly bottle	53.85
	4 x 2.5 kg poly bottle	41.05
<b>5635PV (24831-250)</b>	12 kg carton	179.05
<b>5635UA (24831-600)</b>	45.4 kg (100 lb) drum	279.50

**SULFUR, FLOUR, PRECIPITATED, PURIFIED**

S AW 32.06  
 DOT: Miscellaneous NA 1350  
 CAS #7704-34-9 RTECS WS4250000  
 Storage Code: Green

<b>5620AL (54831-010)</b>	500 g poly bottle	\$ 12.35
<b>5620NE (54831-195)</b>	2 kg poly bottle	96.00
<b>5620UC (54831-700)</b>	50 kg (110 lb) drum	189.10

**SULFUR, FLOUR, TECHNICAL, POWDER**

S AW 32.06  
 DOT: Miscellaneous NA 1350  
 CAS #7704-34-9 RTECS WS4250000  
 Storage Code: Green

<b>5625AL (57951-010)</b>	500 g poly bottle	\$ 13.50
	6 x 500 g poly bottle	9.75
<b>5625NG (57951-200)</b>	2.5 kg poly bottle	33.05
	4 x 2.5 kg poly bottle	29.30
<b>5625PV (57951-250)</b>	12 kg carton	94.05
<b>5625TN (57951-500)</b>	22.7 kg (50 lb) drum	116.50
<b>5625TQ (57951-510)</b>	22.7 kg (50 lb) bag	98.95

**SULFUR, ROLL (LUMP)**

S AW 32.06  
 DOT: Miscellaneous NA 1350  
 CAS #7704-34-9 RTECS WS4250000  
 Storage Code: Green

<b>5630AL (57953-010)</b>	500 g poly bottle	\$ 17.50
	6 x 500 g poly bottle	16.15
<b>5630NG (57953-200)</b>	2.5 kg poly bottle	45.85
<b>5630PV (57953-250)</b>	12 kg carton	160.60

**SULFUR, SUBLIMED, FLOWERS**

S		AW 32.06
DOT: Miscellaneous		NA 1350
CAS #7704-34-9		RTECS WS4250000
Storage Code: Green		
<b>5640AL (27961-010)</b>	500 g poly bottle	\$ 15.80
	6 x 500 g poly bottle	8.45
<b>5640NG (27961-200)</b>	2.5 kg poly bottle	39.85
	4 x 2.5 kg poly bottle	34.10
<b>5640PV (27961-250)</b>	12 kg carton	119.35
<b>5640UA (27961-600)</b>	45.4 Kg (100 lb) drum	285.00

**SULFURIC ACID, 93%, PC**

H <sub>2</sub> SO <sub>4</sub>	FW 98.08	(1 L = 1.84 kg)
DOT: Sulfuric acid, 8, UN2796, PG II		UN 1830
CAS #7664-93-9		RTECS WS5600000
Storage Code: White		
<b>5665QL (16320-295)</b>	19 L (75 lb) poly carboy	\$ 63.70
	32 x 19 L poly carboy	53.60
<b>5665NZ (16320-208)</b>	56 L (225 lb) poly drum	142.65
	9 x 56 L poly drum	91.80
<b>5665RB (16320-314)</b>	185 L (750 lb) poly drum	247.35
	4 x 185 L poly drum	178.55

**SULFURIC ACID, 98+%, ETCHBACK**

H <sub>2</sub> SO <sub>4</sub>	FW 98.08	(1 L = 1.84 kg)
DOT: Sulfuric acid, 8, UN2796, PG II		UN 1830
CAS #7664-93-9		RTECS WS5600000
Storage Code: White		
<b>5670QL (16330-295)</b>	19 L (75 lb) poly carboy	\$ 76.30
	32 x 19 L poly carboy	53.45
<b>5670NZ (16330-208)</b>	56 L (225 lb) poly drum	158.75
	9 x 56 L poly drum	98.60
<b>5670RB (16330-314)</b>	185 L (750 lb) poly drum	240.65

**SULFURIC ACID, ACS**

H <sub>2</sub> SO <sub>4</sub>	FW 98.08	(1 L = 1.84 kg)
DOT: Sulfuric acid, 8, UN2796, PG II		UN 1830
CAS #7664-93-9		RTECS WS5600000
Storage Code: White		

**Specifications**

Appearance .....	Free from suspended or insoluble matter
Assay .....	95.0 - 98.0%
	Maximum Limits of Impurities
Ammonium (NH <sub>4</sub> ) .....	2 ppm
Arsenic (As) .....	0.01 ppm
Chloride (Cl) .....	0.2 ppm
Color .....	APHA 10
Heavy Metals (as Pb) .....	1 ppm
Iron (Fe) .....	0.2 ppm
Mercury (Hg) .....	5 ppb
Nitrate (NO <sub>3</sub> ) .....	0.5 ppm
Residue After Ignition .....	5 ppm
Substances Reducing Permanganate (as SO <sub>2</sub> ) .....	2 ppm

<b>5675CH (16300-030)</b>	500 ml glass bottle	\$ 21.95
	6 x 500 ml glass bottle	15.50
<b>5675DH (16300-040)</b>	500 ml PVC glass bottle	23.50
	6 x 500 ml PVC glass bottle	16.50
<b>5675FA (16300-055)</b>	2.5 L (10 lb) glass bottle	42.00
	4 x 2.5 L glass bottle	26.00

<b>5675GC (16300-069)</b>	2.5 L (10 lb) PVC glass bottle	44.50
	4 x 2.5 L PVC glass bottle	28.00
<b>5675GD (16300-070)</b>	3.8 L (15 lb) poly bottle	41.00
	4 x 3.8 L poly bottle	29.00
<b>5675QL (16300-295)</b>	19 L (75 lb) poly carboy	95.85
	32 x 19 L poly carboy	76.40
<b>5675JL NEW</b>	19 L (75 lb) glass carboy	132.75
	12 x 19 L glass carboy	95.50
<b>5675PG (16300-229)</b>	111 L (450 lb) poly drum	403.75
	4 x 111 L (450 lb) poly drum	330.35
	24 x 111 L (450 lb) poly drum	305.30
<b>5675RB (16300-314)</b>	185 L (750 lb) poly drum	535.00
	4 x 185 L (750 lb) poly drum	515.25
	32 x 185 L (750 lb) poly drum	455.20

**SULFURIC ACID, TECHNICAL, 66° Be, 93%**

H<sub>2</sub>SO<sub>4</sub> FW 98.08 (1 L = 1.835 kg)  
 DOT: Sulfuric acid, 8, UN2796, PG II UN 1830  
 CAS #7664-93-9 RTECS WS5600000  
 Storage Code: White

<b>5645GD (58100-070)</b>	3.8 L (15 lb) poly bottle	\$ 20.30
	4 x 3.8 L poly bottle	16.00
<b>5645QL (58100-295)</b>	19 L (75 lb) poly carboy	77.35
<b>5645NZ (58100-208)</b>	56 L (225 lb) drum	99.90
	9 x 56 L (225 lb) drum	81.75
<b>5645RB (58100-314)</b>	185 L (750 lb) drum	159.70
	4 x 185 L (750 lb) drum	131.45

**SULFURIC ACID, 50%, REAGENT**

(Made with Sulfuric Acid, ACS and DI Water)

H<sub>2</sub>SO<sub>4</sub> FW 98.08  
 DOT: Sulfuric acid, 8, UN2796, PG II  
 CAS# 7664-93-9  
 Storage Code: White

<b>9838QL (63739-295)</b>	19 L poly carboy	85.00
<b>9838NZ (63739-208)</b>	56 L poly drum	175.00
<b>9838RL (63739-323)</b>	194 L drum	240.00
	4 x 194 L drum	210.00

**SULFURIC ACID, 50%, PC GRADE**

H<sub>2</sub>SO<sub>4</sub> FW 98.08  
 DOT: Sulfuric acid, 8, UN2796, PG II  
 CAS# 7664-93-9  
 Storage Code: White

<b>9844QL (63724-295)</b>	19 L poly carboy	72.00
<b>9844NZ (63724-229)</b>	111 L drum	140.00
<b>9844RU (63724-331)</b>	202 L drum	190.00

**SULFURIC ACID, BABCOCK**

(For use in butterfat determination in the Babcock milk test)

H<sub>2</sub>SO<sub>4</sub> FW 98.08 (1 L = 1.820 - 1.830 kg)  
 DOT: Sulfuric acid, 8, UN1830, PG II  
 CAS #7664-93-9 RTECS WS5600000  
 Storage Code: White

<b>5680GD (58103-070)</b>	3.8 L (15 lb) poly bottle	\$ 47.30
	4 x 3.8 L poly bottle	37.05
	108 x 3.8 L poly bottle	22.50
<b>5680QL (58103-295)</b>	19 L (75 lb) poly carboy	87.60
	32 x 19 L poly carboy	55.15

**SULFURIC ACID, FUMING, 12-17%, ACS**

H<sub>2</sub>SO<sub>4</sub>! SO<sub>3</sub> FW 178.14 (1 L = 1.9 kg)  
 DOT: Sulfuric acid, fuming, 8, UN1831, PG I  
 CAS #8014-95-7 RTECS WS5605000  
 Storage Code: White

**Specifications**

Appearance ..... Colorless to very light brown color  
 Assay (free SO<sub>3</sub>) ..... 12.0 - 17.0%  
 Maximum Limits of Impurities  
 Ammonium (NH<sub>4</sub>) ..... 3 ppm  
 Arsenic (As) ..... 0.03 ppm  
 Iron (Fe) ..... 2 ppm  
 Nitrate (NO<sub>3</sub>) ..... 1 ppm  
 Residue After Ignition ..... 0.002%

<b>5690DH (16340-040)</b>	500 ml PVC glass bottle	\$ 89.00
<b>5690EL (16340-053)</b>	2.2 L PVC glass bottle	198.00
	4 x 2.2 L PVC glass bottle	185.00

**SULFURIC ACID, FUMING, 20%, ACS**

H<sub>2</sub>SO<sub>4</sub>! SO<sub>3</sub> FW 178.14 (1 L = 1.9 kg)  
 DOT: Sulfuric acid, fuming, 8, UN1831, PG I  
 CAS #8014-95-7 RTECS WS5605000  
 Storage Code: White

**Specifications**

Appearance ..... Colorless to very light brown color  
 Assay (free SO<sub>3</sub>) ..... 18.0 - 24.0%  
 Maximum Limits of Impurities  
 Ammonium (NH<sub>4</sub>) ..... 3 ppm  
 Arsenic (As) ..... 0.03 ppm  
 Iron (Fe) ..... 2 ppm  
 Nitrate (NO<sub>3</sub>) ..... 1 ppm  
 Residue After Ignition ..... 0.002%

<b>5695DH (16350-040)</b>	500 ml PVC glass bottle	\$ 118.35
<b>5695EL (16350-053)</b>	2.2 L PVC glass bottle	335.35
	4 x 2.2 L PVC glass bottle	299.00

**SULFURIC ACID, FUMING, 29%, ACS**

H<sub>2</sub>SO<sub>4</sub>! SO<sub>3</sub> FW 178.14 (1 L = 1.9 kg)  
 DOT: Sulfuric acid, fuming, 8, UN1831, PG I  
 CAS #8014-95-7 RTECS WS5605000  
 Storage Code: White

**Specifications**

Appearance ..... Colorless to very light brown color  
 Assay (free SO<sub>3</sub>) ..... 27.0 - 29.5%  
 Maximum Limits of Impurities  
 Ammonium (NH<sub>4</sub>) ..... 3 ppm  
 Arsenic (As) ..... 0.03 ppm  
 Iron (Fe) ..... 2 ppm  
 Nitrate (NO<sub>3</sub>) ..... 1 ppm  
 Residue After Ignition ..... 0.002%

<b>5700DH (16360-040)</b>	500 ml PVC glass bottle	\$ 118.35
<b>5700EL (16360-053)</b>	2.2 L PVC glass bottle	335.35
	4 x 2.2 L PVC glass bottle	299.00

**SULFURIC ACID, 0.020 NORMAL (N/50), A.P.H.A.. - for Alkalinity**

9751GA (63630-067)	1 L poly bottle	\$ 12.85
9751GD (63630-070)	3.8 L poly bottle	24.85
9751QH (63630-292)	20 L Hedwin cube, w/spigot	61.10

**SULFURIC ACID, 0.100 NORMAL (N/10)**

9754GA (63640-067)	1 L poly bottle	\$ 12.85
9754GD (63640-070)	3.8 L poly bottle	24.85
9754QH (63640-292)	20 L Hedwin cube, w/spigot	61.10

**SULFURIC ACID, 0.1142 NORMAL**

9760GA (63650-067)	1 L poly bottle	\$ 12.85
9760GD (63650-070)	3.8 L poly bottle	24.85
9760QH (63650-292)	20 L Hedwin cube, w/spigot	61.10

**SULFURIC ACID, 0.200 NORMAL (N/5)**

9763GA (63660-067)	1 L poly bottle	\$ 12.85
9763GD (63660-070)	3.8 L poly bottle	24.85
9763QH (63660-292)	20 L Hedwin cube, w/spigot	61.10

**SULFURIC ACID, 0.250 NORMAL (N/4)**

9766GA (63670-067)	1 L poly bottle	\$ 12.85
9766GD (63670-070)	3.8 L poly bottle	24.85
9766QH (63670-292)	20 L Hedwin cube, w/spigot	61.10

**SULFURIC ACID, 0.255 NORMAL (12.5 g/L), A.O.A.C.**

9769GA (63680-067)	1 L poly bottle	\$ 12.85
9769GD (63680-070)	3.8 L poly bottle	24.85
9769QH (63680-292)	20 L Hedwin cube, w/spigot	61.10

**SULFURIC ACID, 0.500 NORMAL (N/2)**

9772GA (63690-067)	1 L poly bottle	\$ 12.85
9772GD (63690-070)	3.8 L poly bottle	24.85
9772QH (63690-292)	20 L Hedwin cube, w/spigot	61.10

**SULFURIC ACID, 1.00 NORMAL**

9778GA (63700-067)	1 L poly bottle	\$ 11.85
9778GD (63700-070)	3.8 L poly bottle	24.85
9778QH (63700-292)	20 L Hedwin cube, w/spigot	61.10

**SULFURIC ACID, 2.00 NORMAL**

9805GA (63710-067)	1 L poly bottle	\$ 12.35
9805GD (63710-070)	3.8 L poly bottle	25.90



**SULFURIC ACID, 2.50 NORMAL**

<b>9808GA (63720-067)</b>	1 L poly bottle	\$ 11.40
<b>9808GD (63720-070)</b>	3.8 L poly bottle	26.95
<b>9808QH (63720-292)</b>	20 L Hedwin cube, w/spigot	77.65

**SULFURIC ACID, 72% (w/w) Solution**

<b>9859GA (63730-067)</b>	1 L poly bottle	\$ 15.40
<b>9859GD (63730-080)</b>	4 L poly bottle	29.45
<b>9859QH (63730-292)</b>	20 L Hedwin cube. w/spigot	98.35

**SULFURIC ACID SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**SULFUROUS ACID, 6%, ACS**

H <sub>2</sub> SO <sub>3</sub>	FW 82.08	(1 L = 1.02 kg)
DOT: Corrosive Material		UN 1833
CAS #7782-99-2		RTECS WT2775000
Storage Code: White		

**Specifications**

Assay (SO <sub>2</sub> ) .....	Min. 6.0%
	Maximum Limits of Impurities
Arsenic (As) .....	0.5 ppm
Chloride (Cl) .....	5 ppm
Heavy Metals (as Pb) .....	2 ppm
Iron (Fe) .....	5 ppm
Residue After Ignition .....	0.005%

<b>5715CH (16353-030)</b>	500 ml glass bottle	\$ 32.25
	6 x 500 ml glass bottle	27.30
<b>5715FA (16353-055)</b>	2.5 L glass bottle	62.65
	4 x 2.5 L glass bottle	52.45

**TALC, USP, POWDER**

3MgO! 4SiO <sub>2</sub> ! H <sub>2</sub> O	FW 379.29
CAS #14807-96-6	RTECS W W 2710000
Storage Code: Green	

<b>5725AL (26321-010)</b>	500 g poly bottle	\$ 15.80
	6 x 500 g poly bottle	12.30

**TANNIC ACID, PURIFIED, POWDER**

C <sub>76</sub> H <sub>52</sub> O <sub>46</sub>	FW 1701.18
CAS #1401-55-4	RTECS W W 5075000
Storage Code: Blue	

<b>5730LB (59101-115)</b>	125 g poly bottle	\$ 25.05
	6 x 125 g poly bottle	20.45
<b>5730AL (59101-010)</b>	500 g poly bottle	53.55
<b>5730PB (59101-210)</b>	2.5 kg carton	139.90
<b>5730PV (59101-250)</b>	12 kg carton	491.95

**L-(+)-TARTARIC ACID, ACS, CRYSTAL**

H<sub>2</sub>C<sub>4</sub>H<sub>4</sub>O<sub>6</sub> FW 150.09  
 CAS #87-69-4  
 Storage Code: Green

**Specifications****Maximum Limits of Impurities**

Chloride (Cl) ..... 0.001%  
 Heavy Metals (as Pb) ..... 5 ppm  
 Insoluble Matter ..... 0.005%  
 Iron (Fe) ..... 5 ppm  
 Oxalate (C<sub>2</sub>O<sub>4</sub>) ..... To Pass Test  
 (approx. 0.1%)  
 Phosphate (PO<sub>4</sub>) ..... 0.001%  
 Residue After Ignition ..... 0.02%  
 Sulfur Compounds (as S) ..... 0.002%

<b>5740AL (16362-010)</b>	500 g poly bottle	\$ 35.75
	6 x 500 g poly bottle	28.85
<b>5740NG (16362-200)</b>	2.5 kg poly bottle	131.40
	4 x 2.5 kg poly bottle	104.50
<b>5740PV (16362-250)</b>	12 kg carton	475.25
<b>5740UC (16362-700)</b>	50 kg (110 lb) drum	969.40

**L-(+)-TARTARIC ACID, NF, CRYSTAL**

H<sub>2</sub>C<sub>4</sub>H<sub>4</sub>O<sub>6</sub> FW 150.09  
 CAS #87-69-4  
 Storage Code: Green

<b>5750AL (26362-010)</b>	500 g poly bottle	\$ 21.45
<b>5750NG (26362-200)</b>	2.5 kg poly bottle	74.65
<b>5750PV (26362-250)</b>	12 kg carton	250.60
<b>5750UC (26362-700)</b>	50 kg (110 lb) drum	756.35

**1,1,2,2-TETRACHLOROETHANE, 98%**

Cl<sub>2</sub>CHCHCl<sub>2</sub> FW 167.85 (1 L = 1.586 kg)  
 DOT: Poison UN 1702  
 CAS #79-34-5 RTECS K18575000  
 Storage Code: Blue

<b>5770CH (59300-030)</b>	500 ml glass bottle	\$ 56.45
	6 x 500 ml glass bottle	45.10
<b>5770ML (59300-150)</b>	4 L glass bottle	332.70
	4 x 4 L glass bottle	304.30

**TETRAHYDROFURAN, HPLC/SPECTRO (Stabilized)**

C<sub>4</sub>H<sub>8</sub>O FW 72.11 (1 L = 0.88 kg)  
 DOT: Flammable Liquid UN 2056  
 CAS #109-99-9 RTECS LU5950000  
 Storage Code: Red

**Specifications**

Assay ..... Min. 99.8%  
**Maximum Limits of Impurities**  
 Color ..... APHA 10  
 Peroxide (as H<sub>2</sub>O<sub>2</sub>) at time of packaging ..... 0.015%  
 Residue After Evaporation ..... 5 ppm  
 Water ..... 0.03%

<b>5789FC</b>	1 L glass bottle	\$ 55.85
	6 x 1 L glass bottle	51.50
<b>5789ML</b>	4 L glass bottle	142.50
	4 x 4 L glass bottle	138.50

**TETRAHYDROFURAN, ACS (Stabilized)**

C<sub>4</sub>H<sub>8</sub>O                      FW 72.11                      (1 L = 0.88 kg)  
 DOT: Flammable Liquid    UN 2056  
 CAS #109-99-9    RTECS LU5950000  
 Storage Code: Red

**Specifications**

Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Color .....	APHA 20
Peroxide (as H <sub>2</sub> O <sub>2</sub> ) .....	0.015%
Residue After Evaporation .....	0.03%
Water .....	0.05%

<b>5785CH (16465-030)</b>	500 ml glass bottle	\$ 24.85
	6 x 500 ml glass bottle	18.65
<b>5785DE (16465-037)</b>	950 ml screw top can	33.85
	6 x 950 ml screw top can	28.85
<b>5785FC (16465-057)</b>	1 L glass bottle	32.00
	6 x 1 L glass bottle	27.75
<b>5785HF (16465-084)</b>	4 L steel drum	101.00
	4 x 4 L steel drum	88.50
<b>5785ML (16465-150)</b>	4 L glass bottle	101.25
	4 x 4 L glass bottle	90.20
<b>5785QC (16465-280)</b>	20 L steel drum	266.30
<b>5785SC (16465-339)</b>	210 L (407 lb) drum	1425.50

**THERMIT IGNITING MIXTURE**

Storage Code: Red

<b>5810LM (58251-125)</b>	227 g can	\$ 24.20
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**THERMIT<sup>®</sup>, CAST IRON**

\* (Thermit<sup>®</sup> is the registered trademark given to the aluminothermic reaction between metal oxides and aluminum.)

CAS #69012-31-3  
 Storage Code: Red

<b>5805AL (58242-010)</b>	500 g poly bottle	\$ 14.10
	6 x 500 g poly bottle	10.75
<b>5805NG (58242-200)</b>	2.5 kg poly bottle	50.75

**THIOACETAMIDE, 99%, ACS**

CH<sub>3</sub>CSNH<sub>2</sub>    FW 75.13  
 CAS #62-55-5    RTECS AC8925000  
 Storage Code: Blue

**Specifications**

Assay .....	Min. 99.0%
Clarity of a 2% Solution .....	To Pass Test
Melting Point .....	111 - 114°C
	Maximum Limits of Impurities
Residue After Ignition .....	0.05%

<b>5820AH (16403-008)</b>	25 g poly bottle	\$ 21.90
<b>5820LB (16403-115)</b>	125 g poly bottle	73.50
	6 x 125 g poly bottle	64.40
<b>5820AL (16403-010)</b>	500 g poly bottle	176.15

**THIONYL CHLORIDE, 99.7%, PURIFIED**

SOCl<sub>2</sub>                                      FW 118.98                      (1 L = 1.64 kg)  
 DOT: Corrosive Material    UN 1836  
 CAS #7719-09-7    RTECS XM5150000  
 Storage Code: White

<b>5825CH (16411-030)</b>	500 ml glass bottle	\$ 56.85
	6 x 500 ml glass bottle	46.50
<b>5825FA (16411-055)</b>	2.5 L glass bottle	144.40

**THIOUREA, CRYSTAL (THIOCARBAMIDE), ACS**

(NH<sub>2</sub>)<sub>2</sub>CS FW 76.12  
 DOT: Poison UN 2811  
 CAS #62-56-6 RTECS YU2800000  
 Storage Code: Blue

**Specifications**

Assay (Dried Basis) ..... Min. 99.0%  
 Melting Range ..... 174° - 177°C  
 Sensitivity to Bismuth ..... To Pass Test  
**Maximum Limits of Impurities**  
 Loss on Drying @ 105°C ..... 0.5%  
 Residue After Ignition ..... 0.1%  
 Solubility in Water ..... To Pass Test

<b>5835AL (16413-010)</b>	500 g poly bottle	\$ 79.50
	6 x 500 g poly bottle	75.00
<b>5835NG (16413-200)</b>	2.5 kg poly bottle	320.00
	4 x 2.5 kg poly bottle	305.00
<b>5835PV (16413-250)</b>	12 kg carton	850.00

**THYMOL BLUE, SODIUM SALT, ACS**

(Water soluble)  
 C<sub>27</sub>H<sub>29</sub>NaO<sub>5</sub>S FW 488.58  
 CAS #81012-93-3  
 Storage Code: Green

**Specifications**

Clarity of Solution ..... To Pass Test  
 Visual Transition Interval (Acid Range) ..... from pH 1.2 (red) to pH 2.8 (yellow)  
 Visual Transition Interval (Alkaline Range) ... from pH 8.0 (yellow) to pH 9.2 (blue)

<b>9886AF (79300-006)</b>	5 g poly bottle	\$ 19.70
<b>9886AH (79300-008)</b>	25 g poly bottle	38.85

**TIN METAL, GRANULAR, 20 MESH, ACS**

Sn AW 118.69  
 CAS #7440-31-5 RTECS XP7320000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99.5%  
**Maximum Limits of Impurities**  
 Antimony (Sb) ..... 0.02%  
 Arsenic (As) ..... 1 ppm  
 Copper (Cu) ..... 0.005%  
 Iron (Fe) ..... 0.01%  
 Lead (Pb) ..... 0.005%

<b>5840LB (16464-115)</b>	125 g poly bottle	\$ 29.20
	6 x 125 g poly bottle	25.45
<b>5840AL (16464-010)</b>	500 g poly bottle	72.15
	6 x 500 g poly bottle	67.80
<b>5840NG (16464-200)</b>	2.5 kg poly bottle	208.45
	4 x 2.5 kg poly bottle	199.15

**TIN METAL, MOSSY, REAGENT**

Sn AW 118.69  
 CAS #7440-31-5 RTECS XP7320000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99.85%  
 Maximum Limits of Impurities  
 Arsenic (As) ..... 1 ppm  
 Copper (Cu) ..... 0.005%  
 Iron (Fe) ..... 0.01%  
 Lead (Pb) ..... 0.01%

**5845LB (16462-115)** 125 g poly bottle \$ 30.25  
 6 x 125 g poly bottle 27.90  
**5845AL (16462-010)** 500 g poly bottle 86.95  
 4 x 500 g poly bottle 79.60

**TITANIUM DIOXIDE, POWDER**

TiO<sub>2</sub> FW 79.90  
 CAS #13463-67-7 RTECS XR2275000  
 Storage Code: Green

**5855LA (59551-114)** 100 g poly bottle \$ 12.45  
**5855AL (59551-010)** 500 g poly bottle 20.20

**o-TOLIDINE REAGENT, A.P.H.A. - for Chlorine**

**9913CH (63740-030)** 500 ml glass bottle \$ 49.50  
**9913FC (63740-057)** 1 L glass bottle 64.50  
**9913ML (63740-150)** 4 L glass bottle 145.00

**TOLUENE, ACS**

C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub> FW 92.14 (1 L = 0.866 kg)  
 DOT: Flammable Liquid UN 1294  
 CAS #108-88-3 RTECS XS5250000  
 Storage Code: Red

**Specifications**

Assay ..... Min. 99.5%  
 Maximum Limits of Impurities  
 Color ..... APHA 10  
 Residue After Evaporation ..... 0.001%  
 Substances Darkened by Sulfuric Acid ..... To Pass Test  
 Sulfur Compounds (as S) ..... 0.003%  
 Water ..... 0.03%

**5885CH (16480-030)** 500 ml glass bottle \$ 10.00  
 6 x 500 ml glass bottle 9.00  
**5885FC (16480-057)** 1 L glass bottle 16.00  
 6 x 1 L glass bottle 10.50  
**5885HF (16480-084)** 4 L steel drum 38.00  
 4 x 4 L steel drum 28.00  
**5885ML (16480-150)** 4 L glass bottle 39.50  
 4 x 4 L glass bottle 29.00  
**5885QC (16480-280)** 20 L steel drum 88.00  
**5885SD (16480-340)** 211 L (399 lb) drum 351.25  
 4 x 211 L (399 lb) drum 270.40

**TOLUENE, PURIFIED**

C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub> FW 92.14 (1 L = 0.866 kg)  
 DOT: Flammable Liquid UN 1294  
 CAS #108-88-3 RTECS XS5250000  
 Storage Code: Red

<b>5890HF (59620-084)</b>	4 L steel drum	\$ 28.00
	4 x 4 L steel drum	24.00
<b>5890QC (59620-280)</b>	20 L steel drum	76.95
<b>5890SD (59620-340)</b>	211 L (399 lb) drum	233.05

**TRICHLOROACETIC ACID, ACS, CRYSTAL**

CCl<sub>3</sub>COOH FW 163.39  
 DOT: Corrosive Material UN 1839  
 CAS #76-03-9 RTECS AJ7875000  
 Storage Code: White

**Specifications**

Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.001%
Heavy Metals (as Pb) .....	0.002%
Iron (Fe) .....	0.001%
Nitrate (NO <sub>3</sub> ) .....	0.002%
Phosphate (PO <sub>4</sub> ) .....	5 ppm
Residue After Ignition .....	0.03%
Substances Darkened by Sulfuric Acid .....	To Pass Test
Sulfate (SO <sub>4</sub> ) .....	0.02%

<b>5910JB (16503-092)</b>	125 g glass bottle	\$ 26.15
	6 x 125 g glass bottle	19.50
<b>5910JD (16503-094)</b>	500 g glass bottle	75.40
	6 x 500 g glass bottle	57.15
<b>5910JF (16503-096)</b>	2.5 kg glass bottle	293.10
	4 x 2.5 kg glass bottle	254.35
<b>5910PW (16503-251)</b>	12 kg poly pail	661.60
<b>5910UC (16503-700)</b>	50 kg (110 lb) drum	1,416.70

**TRICHLOROACETIC ACID, USP XXI, CRYSTAL**

CCl<sub>3</sub>COOH FW 163.39  
 DOT: Corrosive Material UN 1839  
 CAS #76-03-9 RTECS AJ7875000  
 Storage Code: White

<b>5920JA (25183-091)</b>	25 g glass bottle	\$ 15.25
<b>5920JB (25183-092)</b>	125 g glass bottle	21.40
	6 x 125 g glass bottle	18.80
<b>5920JD (25183-094)</b>	500 g glass bottle	69.65
	6 x 500 g glass bottle	51.80
<b>5920JF (25183-096)</b>	2.5 kg glass bottle	290.60
	4 x 2.5 kg glass bottle	265.50
<b>5920PW (25183-251)</b>	12 kg poly pail	638.15
<b>5920UC (25183-700)</b>	50 kg (110 lb) drum	1356.85

**TRICHLOROACETIC ACID, 3% (w/v) Aqueous**

<b>9916CM (63750-033)</b>	500 ml poly bottle	\$ 15.05
<b>9916GA (63750-067)</b>	1 L poly bottle	24.85

**TRICHLOROACETIC ACID SOLUTIONS** in various percentages and normalities are available. Inquire for prices.

**TRICHLOROETHYLENE, ACS**

C<sub>2</sub>HCl<sub>3</sub> FW 131.39 (1 L = 1.47 kg)  
 DOT: Poison UN 1710  
 CAS #79-01-6 RTECS KX4550000  
 Storage Code: Blue

**Specifications**

Assay ..... Min. 99.5%  
 ..... Maximum Limits of Impurities  
 Color ..... APHA 10  
 Free Halogens ..... To Pass Test  
 Heavy Metals (as Pb) ..... 1 ppm  
 Residue After Evaporation ..... 0.001%  
 Titratable Acid ..... 0.0001 meq/g  
 Titratable Base ..... 0.0003 meq/g  
 Water ..... 0.02%

**5940CH (16515-030)** 500 ml glass bottle \$ 15.85  
 6 x 500 ml glass bottle 13.00  
**5940ML (16515-150)** 4 L glass bottle 74.20  
 4 x 4 L glass bottle 60.70  
**5940RY (16515-335)** 206 L (660 lb) drum 1,193.05

**TRIETHANOLAMINE, 99%**

(HOCH<sub>2</sub>H<sub>4</sub>)<sub>3</sub>N FW 149.19 (1 L = 1.124 kg)  
 CAS #102-71-6 RTECS KL9275000  
 Storage Code: Green

**5950DE (57540-037)** 950 ml screw top can INQUIRE  
**5950HF (57540-084)** 4 L steel drum INQUIRE  
**5950QC (57540-280)** 20 L steel drum INQUIRE

**TRIETHYLENE GLYCOL, PRACTICAL**

HO(CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OH FW 150.18 (1 L = 1.12 kg)  
 CAS #112-27-6 RTECS YE4550000  
 Storage Code: Green

**Specifications**

Assay ..... Min. 99%  
 Boiling Range ..... 278° - 300°C  
 Specific Gravity 20/20°C ..... 1.124 - 1.127  
 ..... Maximum Limits of Impurities  
 Acidity (as Acetic Acid) ..... 0.005%  
 Ash ..... 0.005%  
 Other Glycols ..... 1.0%  
 Water ..... 0.1%

**5965DE (57545-037)** 950 ml screw top can \$ 34.25  
**5965HF (57545-084)** 4 L steel can 75.90  
**5965QC (57545-280)** 20 L steel drum 211.50

**2,2,4-TRIMETHYLPENTANE, HPLC/SPECTRO (Iso-Octane)**

Packaged under Nitrogen. Submicron filtered.

(CH3)3CCH2CH(CH3)2 FW 114.23 (1 L = 0.716 kg)

DOT: Flammable Liquid UN 1262

CAS #540-84-1 RTECS SA3320000

Storage Code: Red

**Specifications**

Assay .....	Min. 99.7%
	Maximum Limits of Impurities
Color .....	APHA 10
Residue After Evaporation .....	3 ppm
Sulfur Compounds (as S) .....	0.005%
Water .....	0.02%
Water-soluble Titratable Acid .....	0.0003 meq/g

<b>5972FC</b>	1 L glass bottle	\$ 62.50
	6 x 1 L glass bottle	58.90
<b>5972ML</b>	4 L glass bottle	127.95
	4 x 4 L glass bottle	121.50

**2,2,4-TRIMETHYLPENTANE, ACS (Iso-Octane)**(CH3)3CCH2CH(CH3)2 FW 114.23 (1 L = 0.716 kg)

DOT: Flammable Liquid UN 1262

CAS #540-84-1 RTECS SA3320000

Storage Code: Red

**Specifications**

Assay .....	Min. 99.0%
	Maximum Limits of Impurities
Color .....	APHA 10
Residue After Evaporation .....	0.001%
Sulfur Compounds (as S) .....	0.005%
Water-soluble Titratable Acid .....	0.0003 meq/g

<b>5970CH (16540-030)</b>	500 ml glass bottle	\$ 32.45
	6 x 500 ml glass bottle	20.85
<b>5970FC (16540-057)</b>	1 L glass bottle	44.80
	6 x 1 L glass bottle	37.65
<b>5970ML (16540-150)</b>	4 L glass bottle	95.95
	4 x 4 L glass bottle	84.30

**TRIS-HYDROXYMETHYLAMINOMETHANE, ACS, CRYSTAL**H2NC(CH2OH)3 FW 121.14

CAS #77-86-1 RTECS TY2900000

Storage Code: Green

**Specifications**

Assay (Dry Basis) .....	99.8 - 100.1%
	Maximum Limits of Impurities
Absorbance .....	To Pass Test
Heavy Metals (as Pb) .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Water .....	2%

<b>5975LB (16473-115)</b>	125 g poly bottle	\$ 15.30
<b>5975AL (16473-010)</b>	500 g poly bottle	49.75
<b>5975NG (16473-200)</b>	2.5 kg poly bottle	236.00



**TRITON X-100®**

(1 L = 1.07 kg)

CAS #9036-19-5

RTECS RI0525000

Storage Code: Green

<b>5980CH (16486-030)</b>	500 ml glass bottle	\$ 20.30
	6 x 500 ml glass bottle	17.25
<b>5980FA (16486-055)</b>	2.5 L glass bottle	53.50
	4 x 2.5 L glass bottle	45.95
<b>5980QF (16486-275)</b>	19 L carboy	293.75

NOTE: Triton X-100® is a registered trademark of Rohm &amp; Haas Co.

**UNIVERSAL pH INDICATOR SOLUTION**

pH 2.0 - pH 11.0 (red to violet)

<b>9922CM (63755-033)</b>	500 ml poly bottle	\$ 21.75
<b>9922GA (63755-067)</b>	1 L poly bottle	31.60

**UREA, ACS, PRILLED, CRYSTAL**(NH<sub>2</sub>)<sub>2</sub>CO

FW 60.06

CAS #57-13-6

RTECS YR6250000

Storage Code: Green

**Specifications**

Melting Point .....	132 - 135°C
	Maximum Limits of Impurities
Chloride (Cl) .....	5 ppm
Heavy Metals (as Pb) .....	0.001%
Insoluble Matter .....	0.01%
Iron (Fe) .....	0.001%
Residue After Ignition .....	0.01%
Sulfate (SO <sub>4</sub> ) .....	0.001%

<b>5990AL (16613-010)</b>	500 g poly bottle	\$ 14.65
	6 x 500 g poly bottle	11.75
<b>5990NG (16613-200)</b>	2.5 kg poly bottle	44.00
	4 x 2.5 kg poly bottle	37.30
<b>5990PV (16613-250)</b>	12 kg carton	145.45
<b>5990UC (16613-700)</b>	50 kg (110 lb) drum	243.30

**UREA, USP, PRILLED, CRYSTAL**(NH<sub>2</sub>)<sub>2</sub>CO

FW 60.06

CAS #57-13-6

RTECS YR6250000

Storage Code: Green

<b>6000AL (25328-010)</b>	500 g poly bottle	\$ 15.80
	6 x 500 g poly bottle	7.95
<b>6000NG (25328-200)</b>	2.5 kg poly bottle	51.45
	4 x 2.5 kg poly bottle	43.10
<b>6000PV (25328-250)</b>	12 kg carton	177.10
<b>6000UC (25328-700)</b>	50 kg (110 lb) drum	276.05

**WATER HARDNESS INDICATOR (Eriochrome Black T Solution)**

<b>9934KK (63760-111)</b>	100 ml poly bottle	\$ 9.35
<b>9934CM (63760-033)</b>	500 ml poly bottle	12.45

**WIJS SOLUTION (See Iodine-Monochloride Solution)**

**WINKLER'S SOLUTION #1, for Oxygen Determination**

<b>9937CM (63770-033)</b>	500 ml poly bottle	\$ 10.75
<b>9937GA (63770-067)</b>	1 L poly bottle	19.70

**WINKLER'S SOLUTION #2, for Oxygen Determination**

<b>9940CM (63780-033)</b>	500 ml poly bottle	\$ 12.45
<b>9940GA (63780-067)</b>	1 L poly bottle	22.60

**WRIGHT'S STAIN, POWDER**

CAS #68988-92-1  
Storage Code: Green

<b>6025AH (16621-008)</b>	25 g poly bottle	\$ 25.90
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**WRIGHT BLOOD STAINING SOLUTION, Stabilized**

<b>9949KK (63790-111)</b>	100 ml poly bottle	\$ 9.35
<b>9949CM (63790-033)</b>	500 ml poly bottle	14.50
<b>9949GA (63790-067)</b>	1 L poly bottle	28.75
<b>9949GD (63790-070)</b>	3.8 L poly bottle	91.00

**XYLENES, ACS**

C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)<sub>2</sub>                      FW 106.17                      (1 L = 0.864 kg)  
DOT: Flammable Liquid                      UN 1307  
CAS #1330-20-7                      RTECS ZE2100000  
Storage Code: Red

**Specifications**

Assay (Xylene isomers plus Ethylbenzene) .....	Min. 98.5%
Ethylbenzene .....	Max. 25%
	Maximum Limits of Impurities
Color .....	APHA 10
Residue After Evaporation .....	0.002%
Substances Darkened by Sulfuric Acid .....	To Pass Test
Sulfur Compounds (as S) .....	0.003%
Water .....	0.05%

<b>6030CH (16650-030)</b>	500 ml glass bottle	\$ 11.00
	6 x 500 ml glass bottle	8.00
<b>6030FC (16650-057)</b>	1 L glass bottle	16.00
	6 x 1 L glass bottle	11.50
<b>6030HF (16650-084)</b>	4 L steel drum	32.00
	4 x 4 L steel drum	23.00
<b>6030ML (16650-150)</b>	4 L glass bottle	32.00
	4 x 4 L glass bottle	24.00
<b>6030QC (16650-280)</b>	20 L steel drum	105.00
<b>6030SD (16650-340)</b>	211 L drum	329.40

**XYLENES, PURIFIED (Histological Grade)**

C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)<sub>2</sub>                      FW 106.17                      (1 L = 0.864 kg)  
DOT: Flammable Liquid                      UN 1307  
CAS #1330-20-7                      RTECS ZE2100000  
Storage Code: Red

<b>9961HF (70120-084)</b>	4 L steel drum	\$ 31.60
<b>9961QC (70120-280)</b>	20 L steel drum	80.30
<b>9961SA (70120-337)</b>	208 L (398 lb) drum	290.85

**XYLENE CYANOL, FF (C.I. 43535)**

C23H24N2O7S2Na FW 529.33

CAS #4463-44-9

Storage Code: Green

**9958AH (71115-008)** 25 g poly bottle \$ 127.30**XYLENOL ORANGE, WATER SOLUBLE INDICATOR**

Na4C31H28N2O13S FW 760.6

CAS #1611-35-4

Storage Code: Green

**9964AD (71120-004)** 1 g poly bottle \$ 27.30**9964AF (71120-006)** 5 g poly bottle 50.75**ZINC METAL, ACS, GRANULAR, 20 MESH**

Zn AW 65.37

CAS #7440-66-6 RTECS ZG8600000

Storage Code: Green

**Specifications**

Assay ..... Min. 99.8%

Suitability for Determination of Arsenic (As) ..... To Pass Test

**Maximum Limits of Impurities**

Iron (Fe) ..... 0.01%

Lead (Pb) ..... 0.01%

**6075AL (16662-010)** 500 g poly bottle \$ 33.85  
6 x 500 g poly bottle 25.45**6075NG (16662-200)** 2.5 kg poly bottle 129.40  
4 x 2.5 kg poly bottle 95.90**6075PV (16662-250)** 12 kg carton 419.55**ZINC METAL, PURIFIED, POWDER, 325 MESH**

Zn AW 65.37

DANGEROUS WHEN WET; MOISTURE SENSITIVE

DOT: Zinc powder, 4.3, UN1436, PG I

CAS #7440-66-6 RTECS ZG8600000

Storage Code: Red

**6090AL (56661-010)** 500 g poly bottle \$ 21.80  
6 x 500 g poly bottle 14.20**6090NG (56661-200)** 2.5 kg poly bottle 70.75  
4 x 2.5 kg poly bottle 49.50**6090PV (56661-250)** 12 kg carton 179.20**ZINC METAL, MOSSY, TECHNICAL**

Zn AW 65.37

CAS #7440-66-6 RTECS ZG8600000

Storage Code: Green

**6085AL (56667-010)** 500 g poly bottle \$ 18.60  
6 x 500 g poly bottle 14.85**6085NG (56667-200)** 2.5 kg poly bottle 88.90  
4 x 2.5 kg poly bottle 66.15**6085PV (56667-250)** 12 kg carton 224.10**ZINC METAL, STICKS, (½" squared x approx 1" long pieces)**

Zn AW 65.37

CAS #7440-66-6 RTECS ZG8600000

Storage Code: Green

**6100AL (56686-010)** 500 g poly bottle \$ 29.25  
6 x 500 g poly bottle 19.80**6100NG (56686-200)** 2.5 kg poly bottle 89.55

**ZINC ACETATE, REAGENT**

Zn(C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>)<sub>2</sub> · 2H<sub>2</sub>O  
 CAS #5970-45-6  
 Storage Code: Green

FW 219.50  
 RTECS ZG8750000

**Specifications**

Assay .....	98.0 - 101.0%
pH of a 5% Solution at 25°C .....	6.0 - 7.0
<b>Maximum Limits of Impurities</b>	
Arsenic (As) .....	0.00005%
Calcium (Ca) .....	0.005%
Chloride (Cl) .....	0.0005%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.0005%
Lead (Pb) .....	0.002%
Magnesium (Mg) .....	0.005%
Potassium (K) .....	0.01%
Sodium (Na) .....	0.05%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>6040AL (58933-010)</b>	500 g poly bottle	\$ 21.50
	6 x 500 g poly bottle	16.20
<b>6040NG (58933-200)</b>	2.5 kg poly bottle	63.05
	4 x 2.5 kg poly bottle	57.65

**ZINC CARBONATE, REAGENT, POWDER**

ZnCO<sub>3</sub>  
 DOT: Not Regulated (RQ 1000 lb.)  
 CAS #3486-35-9  
 Storage Code: Green

FW 125.40  
 RTECS FG3375000

**Specifications**

Assay (ZnO) .....	Min. 70.0%
<b>Maximum Limits of Impurities</b>	
Chloride (Cl) .....	0.002%
Insoluble in Sulfuric Acid .....	0.02%
Iron (Fe) .....	0.002%
Lead (Pb) .....	0.005%
Nitrate (NO <sub>3</sub> ) .....	0.01%
Substances not Precipitated by (NH <sub>4</sub> ) <sub>2</sub> S .....	0.4%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>6045AL (16681-010)</b>	500 g poly bottle	\$ 59.55
	6 x 500 g poly bottle	51.45
<b>6045NG (16681-200)</b>	2.5 kg poly bottle	216.15
	4 x 2.5 kg poly bottle	193.00
<b>6045UC (16681-700)</b>	50 kg (110 lb) drum	1946.70

**ZINC CHLORIDE, ACS, CRYSTAL**

ZnCl<sub>2</sub>  
 DOT: Corrosive  
 CAS #7646-85-7  
 Storage Code: White

FW 136.28  
 UN 2331  
 RTECS ZH1400000

**Specifications**

Assay .....	Min. 97.0%
<b>Maximum Limits of Impurities</b>	
Ammonium (NH <sub>4</sub> ) .....	0.005%
Calcium (Ca) .....	0.06%
Insoluble Matter .....	0.005%
Iron (Fe) .....	0.001%
Lead (Pb) .....	0.005%
Magnesium (Mg) .....	0.01%
Nitrate (NO <sub>3</sub> ) .....	0.003%
Oxychloride .....	To Pass Test
Potassium (K) .....	0.02%
Sodium (Na) .....	0.05%
Sulfate (SO <sub>4</sub> ) .....	0.01%

<b>6050AL (16683-010)</b>	500 g poly bottle	\$ 43.35
	6 x 500 g poly bottle	34.85
<b>6050NG (16683-200)</b>	2.5 kg poly bottle	149.90
	4 x 2.5 kg poly bottle	139.05
<b>6050PV (16683-250)</b>	12 kg carton	565.75
<b>6050UC (16683-700)</b>	50 kg (110 lb) drum	753.90

**ZINC CHLORIDE, USP, GRANULAR**

ZnCl<sub>2</sub> FW 136.28  
 DOT: Corrosive UN 2331  
 CAS #7646-85-7 RTECS ZH1400000  
 Storage Code: White

<b>6055AL (25403-010)</b>	500 g poly bottle	\$ 29.15
<b>6055NG (25403-200)</b>	2.5 kg poly bottle	118.45
<b>6055PV (25403-250)</b>	12 kg carton	364.25

**ZINC CITRATE, REAGENT, GRANULAR**

Zn<sub>3</sub>(C<sub>6</sub>H<sub>5</sub>O<sub>7</sub>)<sub>2</sub>·2H<sub>2</sub>O FW 610.35  
 CAS #546-46-3  
 Storage Code: Green

<b>6060AL (16686-010)</b>	500 g poly bottle	\$ 41.05
	6 x 500 g poly bottle	37.90
<b>6060NG (16686-200)</b>	2.5 kg poly bottle	119.70
	4 x 2.5 kg poly bottle	89.70

**ZINC NITRATE, REAGENT, CRYSTAL**

Zn(NO<sub>3</sub>)<sub>2</sub>·6H<sub>2</sub>O FW 297.47  
 DOT: Oxidizer UN 1514  
 CAS #10196-18-6 RTECS ZH4775000  
 Storage Code: Yellow

**Specifications**

Assay .....	99.0 - 101.0%
	Maximum Limits of Impurities
Chloride (Cl) .....	0.002%
Copper .....	5 ppm
Insoluble Matter .....	0.005%
Iron (Fe) .....	5 ppm
Lead (Pb) .....	0.005%
Sulfate (SO <sub>4</sub> ) .....	0.005%

<b>6105LB (16693-115)</b>	125 g poly bottle	\$ 16.25
	6 x 125 g poly bottle	14.10
<b>6105AL (16693-010)</b>	500 g poly bottle	21.65
	6 x 500 g poly bottle	15.80
<b>6105NG (16693-200)</b>	2.5 kg poly bottle	74.70
	4 x 2.5 kg poly bottle	64.05
<b>6105PV (16693-250)</b>	12 kg carton	240.45

**ZINC OXIDE, ACS, POWDER**

ZnO FW 81.37  
 CAS #1314-13-2 RTECS ZH4810000  
 Storage Code: Green

**Specifications**

Assay (ZnO) .....	Min. 99.0%
	Maximum Limits of Impurities
Alkalinity .....	To Pass Test
Arsenic (As) .....	2 ppm
Calcium (Ca) .....	0.005%
Chloride (Cl) .....	0.001%
Insoluble in Dilute Sulfuric Acid .....	0.01%
Iron (Fe) .....	0.001%
Lead (Pb) .....	0.005%
Magnesium (Mg) .....	0.005%
Manganese (Mn) .....	5 ppm
Nitrate (NO <sub>3</sub> ) .....	0.003%
Potassium (K) .....	0.01%
Sodium (Na) .....	0.05%
Sulfur Compounds (as SO <sub>4</sub> ) .....	0.01%

<b>6110AL (16701-010)</b>	500 g poly bottle	\$ 18.10
	6 x 500 g poly bottle	13.75
<b>6110NG (16701-200)</b>	2.5 kg poly bottle	56.75
	4 x 2.5 kg poly bottle	46.45
<b>6110PV (16701-250)</b>	12 kg carton	208.45

**ZINC OXIDE, USP, POWDER**

ZnO FW 81.37  
 CAS #1314-13-2 RTECS ZH4810000  
 Storage Code: Green

<b>6115AL (25441-010)</b>	500 g poly bottle	\$ 17.20
	6 x 500 g poly bottle	14.40
<b>6115NG (25441-200)</b>	2.5 kg poly bottle	47.40
<b>6115TQ (25441-510)</b>	22.7 kg (50 lb) bag	110.35

**ZINC SULFATE, ACS, CRYSTAL**

ZnSO4·7H2O FW 287.54  
 DOT: Not Regulated (RQ 1000 lb.)  
 CAS #7446-20-0 RTECS ZH5300000  
 Storage Code: Green

**Specifications**

Assay ..... 99.0 - 103.0%  
 pH of a 5% solution at 25°C ..... 4.4 - 6.0

**Maximum Limits of Impurities**

Ammonium (NH<sub>4</sub>) ..... 0.001%  
 Arsenic (As) ..... 1 ppm  
 Calcium (Ca) ..... 0.005%  
 Chloride (Cl) ..... 5 ppm  
 Insoluble Matter ..... 0.01%  
 Iron (Fe) ..... 0.001%  
 Lead (Pb) ..... 0.003%  
 Magnesium (Mg) ..... 0.005%  
 Manganese (Mn) ..... 3 ppm  
 Nitrate (NO<sub>3</sub>) ..... 0.002%  
 Potassium (K) ..... 0.01%  
 Sodium (Na) ..... 0.05%

<b>6125LB (16723-115)</b>	125 g poly bottle	\$ 11.25
	6 x 125 g poly bottle	9.90
<b>6125AL (16723-010)</b>	500 g poly bottle	20.95
	6 x 500 g poly bottle	16.00
<b>6125NG (16723-200)</b>	2.5 kg poly bottle	71.20
	4 x 2.5 kg poly bottle	59.60
<b>6125PV (16723-250)</b>	12 kg carton	239.85
<b>6125UC (16723-700)</b>	50 kg (110 lb) drum	392.70

**ZINC SULFATE, 10% (w/v) Aqueous**

<b>9982CM (63800-033)</b>	500 ml poly bottle	\$ 10.75
<b>9982GA (63800-067)</b>	1 L poly bottle	19.20

**ZINC SULFATE, 1.180 Specific Gravity**

<b>9979GA (63810-067)</b>	1 L poly bottle	\$ 12.45
<b>9979GD (63810-070)</b>	3.8 L poly bottle	38.30