

# CLASS III CHEMICAL LIST

## APPROVED ITEMS

*Approved List as of June 19, 2019*

The following chemicals are approved for student usage.

**WARNING: Some chemicals listed may linked to health hazards such as cancer or reproductive toxicity. Contact the Environmental Health & Safety Office (EH&S) for further information regarding safe usage of these compounds. Any chemical not specifically listed may be approved on a per case basis by contacting the EH&S Office, (858) 627-7174.**

Acacia (gum arabic)	Ammonium Acetate	Barium Acetate	Calcium Carbonate	Cotton Seed Oil
Acetamide	Ammonium Bicarbonate	Barium Carbonate	Calcium Chloride	Crystal Violet
Acetanilide	Ammonium Bromide	Barium Chloride	Calcium Fluoride	Cupric Acetate
Acetic acid (glacial, limit 2 gals)	Ammonium Carbonate	Barium Hydroxide	Calcium Hydroxide	Cupric (Copper) Bromide
Aceto Carmine	Ammonium Chloride	Barium Oxalate	Calcium Hypochlorite	Cupric (Copper) Carbonate
Acetone	Ammonium Citrate	Barium Oxide	Calcium Oxide	Cupric (Copper) Chloride
Aceto Orcein (Orcinol)	Ammonium Hydroxide (limit 2 gals.)	Barium Sulfate	Calcium Phosphate	Cupric (Copper) Sulfate
Adenine	Ammonium Iodide	Beeswax	Calcium Sulfate	Cyclohexane
Agar	Ammonium Metavanadate	Benedict's Solution	Camphor Gum	Deoxyribonucleic Acid
Albumin	(Ammonium vanadate)	Benzoic Acid	Carbolfuchsin	Dextrin Starch
Alizarin Yellow	Ammonium Molybdate	6- Benzylaminopurine	Carbon	Dextrose
Alizarin Red (Red #1)	Ammonium Oxalate	Solution	Carbon Dioxide(gas)	Diastase of Malt
Alkaline-Iodide Sol'n #1	Ammonium Oxidate	Bial salts	Carmine	2,6 Dichloroindolephenol
Alkaline-Iodide Sol'n #2	Ammonium Persulfate	Bismuth Trichloride	Carrageenan	Sodium Salt
Alum	Ammonium Phosphate	(Bismuth III chloride)	Casein	Digitonin
Aluminum Ammonium Sulfate	Ammonium Sulfate	Biuret Reagent	Catalase	Dimethylglyxime
Aluminum Chloride, hydrated	Ammonium Tartrate	Borax (Sodium Borate)	Charcoal	Dodecyl Sulfate, sodium salt
Aluminum Chloride, anhydrous	Ammonium Thiocyanate	Boric Acid	Chloretone	(Sodium Dodecyl Sulfate)
Aluminum Hydroxide	Amylase	Brilliant Green	Chlorionic Gonadotropin	Dowex
Aluminum, metal	N-amyl Alcohol	Bromocresol Green	Citric Acid	Ethylenediaminetetraamine
Aluminum Oxide	Aniline Blue	Bromocresol Purple	Clove Oil	(EDTA)
Aluminum Potassium Sulfate	Antimony Potassium Tartrate	Bromophenol Blue	Cobalt Chloride	Eosin
Aluminum Sodium Sulfate	Arabinose	Bromothymol Blue	Cobalt, Metal	Epsom Salt
Aluminum Sulfate	Ascarite II	Buffer Solutions	Cobalt Sulfate	(Magnesium sulfate)
Ammonia, liquid	Ascorbic Acid	Caffeine	Congo Red	Erythorbic Acid
	Balsam	Calcium Acetate	Copper, metal	Erythrosine
		Calcium Bromide	Copper (cupric) Oxide	Ethyl Alcohol

Ethylene Glycol	Histidine	Magnesium Carbonate	Ninhydrin	Potassium Citrate
Fast Green	Hydrochloric Acid	Magnesium Chloride	Nitric Acid- (limit 1 gal.)	Potassium Ferricyanide
Fehling's Solution A	Hydrogen Peroxide 3%	Magnesium Hydroxide	Nitrogen	Potassium Ferrocyanide
Fehling's Solution B	Indigo	Magnesium Oxide	Nucleic Acid	Potassium Fluoride
Ferric Acetate (Iron acetate)	Indigo Carmine	Magnesium Sulfate	Nuclei-stain	Potassium Hydrogen Phthalate
Ferric Ammonium Acetate	3-Indoleacetic Acid	Magnesium Trisilicate	Oleic Acid	Potassium Hydroxide
Ferric Ammonium Citrate	Iodine	Malachite Green	Olive Oil	Potassium Iodate
Ferric Ammonium Sulfate	Iron Acetate	Maleic Acid	Orange G	Potassium Iodide
Ferric Chloride	Iron Pyrite	Malic Acid	Orange IV (Torpeolin OO)	Potassium Metabisulfite (Potassium pyrosulfate)
Ferric Oxide	Isobutyl Alcohol	Maltose	Orcein Staining Solution	Potassium Nitrite
Ferric Phosphate	Isopentyl Alcohol	Manganese, metal	Oxalic Acid	Potassium Oxalate
Ferric Sulfate	Isopropyl Alcohol	Manganese Carbonate (Manganous carbonate)	Oxygen(gas)	Potassium Oxide
Ferrous Ammonium Sulfate	Janus Green B	Manganese Dioxide	Pancreatin	Potassium Persulfate
Ferrous Chloride	Kaolin	Manganese Sulfate	Paraffin	Potassium Phosphate, mono,di,tribasic
Ferrous Oxide	Kerosene	Manganous bromide (Manganese bromide)	Peanut Oil	Potassium Sodium Tartrate (Sodium potassium sulfate)
Ferrous Sulfate	Lactic Acid	Manganous chloride (Manganese chloride)	Pepsin Powder	Potassium Sulfate
Feulgen Stain	Lactose	Manganous sulfate	Peptone	Potassium Tartrate
Flagella Stain	Lanolin	Methyl Cellulose	Petrolatum	Potassium Tetraoxalate
Flourescein	Latex	Methylene Blue	Petroleum Ether	Potassium Thiocyanate
Fructose	Lauric Acid	Methyl Alcohol	Phenol Red Indicator	Propane Gas
Fuchsin	Lead Carbonate	Methyl Green	Phenolphthalein	1-Propanol
Gamborg's Vitamin Culture	Lead Chloride	Methyl Orange	Phenyl Salicylate	n-Propionic Acid
Gelatin	Lead Iodide	Methyl Red	Phloroglucin(ol)	Propyl Alcohol
Gentian Violet (Methyl violet)	Lead, Metal	Methyl Violet	Phosphoric Acid	Quinine Sulfate
Gibberellic Acid	Lead Oxide	Methyl Salicylate	Phytigel Plant culture	Ringer's Solution
Giemsa Stain	Lead Sulfate	Methyl Sulfoxide (Dimethyl sulfoxide, DMSO)	Pituitary Extract	Rosin
Glucose	Lime Water	Mineral Oil	Platinum, metal	Rosin Abietic Acid
Glutamic Acid	Linseed Oil	Molasses	Polyvinyl Alcohol	Safranino
Glycerin (Glycerol-limit 2 pts. = 0.25 gal)	Lithium Carbonate	Mono Chloroacetic Acid	Potash, sulfurated	Salicylic Acid
Gold Foil	Lithium Chloride	Napthalene	Potassium acetate	Sesame Oil
Gram's Iodine Stain	Lithium Hydroxide	a-Napthaleneacetic acid	Potassium Bicarbonate	Silicic Acid
Graphite	Lithium Sulfate	Solution	Potassium Binoxalate	Silica Gel
Guar Gum	Litmus	1-Napthol	Potassium Biphthalate	Silicon, metal
Gum Tragacanth	Loeffler's Flagella Stain	2-Napthol	Potassium Bisulfate	Silicon carbide (Carborundum)
Helium	Logwood Extract (Hematin)	Neutral Red Indicator	Potassium Bitartrate	Silicone
Hematoxylin	Lucite	Nickel Chloride	Potassium Bromate	Silver, metal
Heptane	Luminol	Nicotinic Acid	Potassium Bromide	Silver Chloride
Hexane	Lugol's Iodine	Nigrosine Black	Potassium Bromide	Silver Iodide
	Lycopodium Powder		Potassium Carbonate	
	Lye		Potassium Chloride	
	Magnesium Acetate		Potassium Chromate	
	Magnesium Bromide		Potassium Chrome Alum	

Silver Nitrate	Sodium Hypochlorite	Sodium Thiocyanate	Sulfur (limit 5 lbs)	Tumeric Powder
Silver Sulfate	Sodium Iodate	Sodium Thiosulfate	Sulfur Black Dye	Turpentine
Soda Lime (sodasorb)	Sodium Iodide	(Sodium hyposulfite)	Sulfur Blue Dye	Ultra Marine Blue
Sodium Acetate	Sodium Lauryl Sulfate	Sodium Tungstate	Sulfur Yellow Dye	Universal Indicator
Sodium Alginate	Sodium Metabisulfite	Stannic Chloride	Sulfuric Acid (limit 2 gals.)	Urea
Sodium Bicarbonate	Sodium Metaphosphate	Stannic Oxide	Tannic Acid	Vegetable Oil
Sodium Bismuthate	Sodium Molybdate	Stannous Chloride	Tartaric Acid	Winkler's solution #1
Sodium Bisulfate	Sodium Oxalate	Starch, potato	Terpineol	Winkler's solution #2
(Sodium Hydrogen Sulfate)	Sodium Perborate	Stearic Acid	Thymol Blue	Wood's Metal
Sodium Bisulfite	Sodium Phosphate	Strontium	Thyroxine	Wright's Stain Solution
Sodium Borate	Sodium Salicylate	Strontium Bromide	Tin, metal	Xanthanol
Sodium Bromide	Sodium Silicate	Strontium Chloride	Titanium Dioxide	Xylene
Sodium Carbonate	Sodium Silicofluoride	Succinic Acid	Toluene	Yeast
Sodium Chloride	(Sodium fluorosilicate)	Sucrose	Toluidine Blue	Zeolite
Sodium Chromate	Sodium Sulfate	Sudan Black B	Triethanolamine	Zinc Acetate
Sodium Citrate	Sodium Sulfite	Sudan III	Tripheyl Terazolium Chloride	Zinc Carbonate
Sodium Ferrocyanide	Sodium Tartrate	Sudan IV	Trisodium Phosphate (TSP)	Zinc Chloride
Sodium Fluoride	Sodium Tetraborate	Sulfamic Acid	Triton X,wetting agent	Zinc, metal (mossy)
Sodium Hydroxide	(Sodium borate)	Sulfanilic Acid	Trypsin	Zinc Sulfate

Rev: 6/19

File: