



2019

Chemical Inventory for Wilhelm Lab 624

Steven Wilhelm¹, Gary LeCleir¹

¹The University of Tennessee, Knoxville

1 Works for me

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The Aquatic Microbial Ecology Research Group - AMERG (The Buchan, Zinser and Wilhelm labs)









ABSTRACT

This document serves as a reference for chemicals used and stored in room 624 in the Science and Engineering Building at The University of Tennessee. For more information, contact Steven Wilhelm or Gary LeCleir.

WILHELM_ChemInv.xls

CAS number	Compound Name (no abbreviations or
	formulas)
125572-95-4	(1,2-CYCLOHEXYLENEDINITRILO)TETRAACETIC
	ACID
	(DL)
	METHIONINE
6381-92-6	[ETHYLENEDIAMINE]TETRAACETATE
	DISODIUM
5144-89-8	1,10-PHENANTHROLINE
	MONOHYDRATE
3829-86-5	1,10-PHENANTHROLINE
	MONOHYDROCHLORIDE, MONOHYDRATE
110-18-9	1,2-BIS(DIMETHYLAMINO)ETHANE
674285-08-6	1,2-DIAMINOCYCLOHEXANE
107-06-2	1,2-DICHLOROETHANE
71-36-3	1-BUTANOL
4432-31-9	2-(4-MORPHOLINO)
	ETHANE SULFONIC ACID
303-38-8	2,3-DIHYDROXY BENZOIC ACID
60-24-2	2-MERCAPTOETHANOL
67-63-0	2-PROPANOL
	2XYT
	DEHYDRATED BROTH
1132-61-2	4-MORPHOLINEPROPANESULFONIC ACID
90-33-5	7-HYDROXY-4-METHYLCOUMARIN
148-24-3	8-QUINOLINOL
64-19-7	ACETIC
	ACID
67-64-1	ACETONE
75-05-8	ACETONITRILE
18483-17-5	ACID TANNIC MERCK

10127023	ACRIDINE
	ORANGE
8048-52-0	ACRIFLAVINE
9002-18-0	AGAR
214-01-0	AGAR (BACTO)
0879-01-7	AGAR
	(BILE ESCULIN)
	AGAR (BLOOD BASE)
	AGAR
	(BREWER ANAROBIC)
	AGAR (BRILLIANT GREEN BILE)
	AGAR
	(BRILLIANT GREEN)
	AGAR (CORN MEAL)
0632-17-7	AGAR
	(DNASE TEST)
2014-07-09	AGAR (GRANULATED)
	AGAR
	(NUTRIENT)
39346-81-1	AGAROSE, LOW MELTING
9048-96-8	ALBUMIN
7429-90-5	ALUMINA, DRY POWDER
7784-24-9	ALUMINUM
	POTASSIUM SULFATE DODECAHYDRATE
22-761-7	ALUMINUM SULFATE OCTADECAHYDRATE
9003-69-4	AMBERLITE
	XAD16
631-61-8	AMMONIUM ACETATE
631-61-8	AMMONIUM
	ACETATE
12125-02-9	AMMONIUM CHLORIDE
12125-01-8	AMMONIUM
	FLUORIDE
540-69-2	AMMONIUM FORMATE
7803-55-6	AMMONIUM
40406 76 0	METAVANADATE
13106-76-8	AMMONIUM MOLYBDATE
6484-52-2	AMMONIUM
7783-20-2	NITRATE AMMONIUM SULFATE
9005-82-7	AMYLOSE
147-81-9	ARABINOSE
50-81-7	ASCORBIC
102110-73-6	ACID AZOALBUMIN
78110-38-0	AZTREONAM
0118-01-8	BACTO PEPTONE
10361-37-2	BARIUM CHLORIDE
	BEEF BLOOD
	BEEF EXTRACT
107-43-7	BETAINE
	BICINE
150-24-5	DICINE

	BIO GEL P-150
	BIO
	GEL P-6DG
	BIOBEADS SM-2
58-85-5	BIOTIN
10043-35-3	BORIC ACID
	BREWER
	THIOGLYCOLLATE MEDIUM
115-39-9	BROMOPHENOL BLUE
	BROTH
	(DIFCO M17)
	BROTH (DUBOS BASE)
	BROTH
	(LACTOBACILLI)
	BROTH (LB, LENNOX)
	BROTH
	(MARINE)
	BROTH (NUTRIENT)
	BROTH
	(TRYPTIC SOY)
	BUFFER SOLUTION, PH 10.0
	BUFFER
	SOLUTION, PH 4.0
75.60.5	BUFFER SOLUTION, PH 7.0
75-60-5	CACODYLIC ACID
10325-94-7	CADMIUM NITRATE
10035-04-8	CALCIUM
10033-04-6	CHLORIDE DIHYDRATE
1305-62-0	CALCIUM HYDROXIDE
10124-37-5	CALCIUM
	NITRATE
644-90-6	CAPRYLIC ACID
4800-94-6	CARBENICILLIN
	DISODIUM SALT
	CARBON DECOLORIZING NEUTRAL
	CASAMINO
	ACIDS
7647-17-8	CESIUM CHLORIDE
57-09-0	CETYLTRIMETHYL-AMMONIUM
	BROMIDE
142-2843	CHELEX 100 RESIN
1398-61-4	CHITIN
56-75-7	CHLORAMPHENICOL
56-75-7	CHLORAMPHENICOL
67-66-3	CHLOROFORM
1667-99-8	CHROME
	AZUROL S
13548-38-4	CHROMIUM(III) NITRATE
	CITIFLUOR
77-92-9	CITRIC ACID
7791-13-1	COBALT
	CHLORIDE
10026-22-9	COBALT NITRATE

Table	10026-24-1	COBALT SULFATE HEPTAHYDRATE
1317-38-0 COPPER(II)	7447-39-4	COPPER(II) CHLORIDE
OXIDE 758-98-7 COPPER(II) SULFATE 548-62-9 CRYSTAL VIOLET 68-19-9 CYANOCOBALAMINE (VITAMIN B12) 66-81-9 CYCLOHEXAMIDE 52-90-4 CYSTEINE 3458-28-4 D(+) MANNOSE 1949-78-6 D-(+)-XYLOSE 138-14-7 DESFERRIOXAMINE MESYLATE 9011-18-1 DEXTRAN SULFATE 14431-43-7 DEXTROSE MONOCHYDRATE 57-71-6 DIAGETYL MONOXIME 57-76-0 DIAMINOPIMELIC ACID 67-43-6 DIETHYLENTRIAMINEPENTACETIC ACID 67-43-6 DIETHYLENTRIAMINEPENTACETIC ACID 67-49-8 DIETHYLEYROCARBONATE 1609-47-8 DIETHYLEYROCARBONATE 7732-18-5 DIHYDROGEN MONOXIDE (WATER) 67-69-5 DIMETHYL SULFOXIDE 57-56-4-9 DITHIOTHREITOL 5625-37-6 ETHANDL 5625-37-6 ETHANDL 5625-37-6 ETHANDL 11-78-6 ETHYL 1239-45-8 ETHIDIUM BROMIDE 11-78-6 ETHYL 314-13-6 EVANS BLUE 1819-57-5 FERRIC AMMONIUM CITATE 10025-77-1 FERRIC CHORME 10025-77-1 FERRIC CHORME 10025-77-1 FERRIC CHORME 10025-77-1 FERRIC CHORME 10025-57-1 FERRIC CHORME 10025-55 FRUCTOSE 1005-66-61-0 GALACTOSE	1317-38-0	
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26566-61-0 GALACTOSE		FORMALDEHYDE
	7660-25-5	FRUCTOSE
9000-70-8 GFLATIN	26566-61-0	GALACTOSE
JOGG 70 G	9000-70-8	GELATIN
50-99-7 GLUCOSE	50-99-7	GLUCOSE
576-36-3 GLUCOUIC ACID	576-36-3	GLUCOUIC ACID
56-86-0 GLUTAMIC	56-86-0	GLUTAMIC
ACID		ACID

56-85-9	GLUTAMINE
56-81-5	GLYCEROL
819-83-0	GLYCEROL 2-PHOSPHATE DISODIUM
	SALT HYDRATE
58409-70-4	GLYCEROPHOSPHATE
56-40-6	GLYCINE
	GLYCYLGLYCINE
50-1-1	GUANADINE HYDROCHLORIDE
	GUANADINE
	THIOCYANATE
7365-45-9	HEPES
7647-01-0	HYDROCHLORIC
	ACID
1304222	HYDROXYLAMINE HYDROCHLORIDE
	HYPOPHOSPHOROUS
	ACID, 50% AQUEOUS SOLUTION
7553-56-2	IODINE
2251180	KANAMYCIN
	L-AMINO ACIDS
61-90-5	L-LEUCINE
657-27-2	L-LYSINE MONOHYDROCHLORIDE
147-85-3	L-PROLINE
60-18-4	L-TYROSINE
20666-12-0	LUMINOL
	SODIUM SALT
7791-18-6	MAGNESIUM CHLORIDE HEXAHYDRATE
7487-88-9	MAGNESIUM
	SULFATE
10034-99-8	MAGNESIUM SULFATE HEPTAHYDRATE
676-46-0	MALIC
	ACID (DL-MALIC ACID SODIUM SALT)
6363-53-7	MALTOSE HYDRATE
13446-34-9	MANGANESE
	CHLORIDE TETRAHYDRATE
10034-96-5	MANGANESE SULFATE MONOHYDRATE
	MANNITOL
7783-35-9	MERCURIC SULFATE
4432-31-9	MES
67-56-1	METHYL ALCOHOL
593-51-1	METHYLAMINE
	HYDROCHLORIDE
61-73-4	METHYLENE BLUE
8012-95-1	MINERAL
	OIL
7782-91-4	MOLYBDIC ACID
1313-27-5	MOLYBDIC
	ANHYDRIDE
7558-80-7	MONOSODIUM PHOSPHATE
1132-61-2	MOPS
68-12-2	N,N-DIMETHYL-FORMAMIDE
	N,N-METHYLENEBISCRYLAMIDE
389-08-2	NALIDIXIC ACID
1405-10-3	NEOMYCIN
	SULFATE

7785-20-8	NICKEL AMMONIUM SULFATE HEXAHYDRATE
7718-54-9	NICKEL(II)
11000 02 0	CHLORIDE
11099-03-9	NIGROSINE
7697-37-2	NITRIC
100.10.0	ACID
139-13-9	NITRILOTRIACETIC ACID
97-78-9	N-LAUROYLSARCOSINE
	N-PHOSPHONOMETHYL GLYCINE
4/1/04	N-TRIS(HYDROXYMETHYL
	METHYL) GLYCINE (TRICINE)
	OCTYL-SEPHAROSE
6153-56-6	OXALIC
	ACID DIHYDRATE
113-98-4	PENICILLIN-G (POTASSIUM SALT)
73049-73-7	PEPTONE
7601-90-3	PERCHLORIC ACID
143-74-8	PHENOL
	RED
63-91-2	PHENYLALANINE
4408-78-0	PHOSPHONOACETIC
	ACID
7664-38-2	PHOSPHORIC ACID
12501-23-4	PHOSPHOTUNGSTIC
	ACID HYDRATE
	PHYTONE PEPTONE
110-85-0	PIPERAZINE
5625-37-6	PIPES
25322-68-3	POLY(ETHYLENE
25522 55 5	GLYCOL) 400
1405-20-5	POLYMYXIN B SULFATE
9004-95-9	POLYOXYETHYLENE
3004 30 3	20 CETYL ETHER
25249-54-1	POLYVINYLPYRROLIDONE
127-08-2	POTASSIUM
127-00-2	ACETATE
2139626	POTASSIUM BROMIDE
7447-40-7	POTASSIUM
7447-40-7	CHLORIDE
7447-40-7	POTASSIUM CHLORIDE SOLUTION
	POTASSIUM
7778-50-9	
140.90.6	DICHROMATE POTASSIUM ETHYL XANTHOGENATE
140-89-6	
13746-66-2	POTASSIUM HEXACYANOFERRATE(III)
1310-58-3	POTASSIUM HYDROXIDE
7681-11-0	POTASSIUM
	IODIDE
7757-79-1	POTASSIUM NITRATE
7758-09-0	POTASSIUM
	NITRITE
	POTASSIUM PEROXYDISULFATE
7758-11-4	POTASSIUM
	PHOSPHATE DIBASIC

7758-11-4	POTASSIUM PHOSPHATE DIBASIC, ANHYDROUS
7758-11-4	POTASSIUM PHOSPHATE DIBASIC, ANHYDROUS
7778-77-0	POTASSIUM PHOSPHATE MONOBASIC
7778-77-0	POTASSIUM
	PHOSPHATE MONOBASIC
7778-77-0	POTASSIUM PHOSPHATE MONOBASIC
106-50-3	P-PHENYLENEDIAMINE
39450-1-6	PROTEINASE K
	PROTEOSE
	PEPTONE
18928-00-2	RHODOTORULIC ACID
13292-46-1	RIFAMPIN
14897-39-3	RIFAMYCIN
	RNASE
	A
2151958	RUBIDIUM CHLORIDE
69-72-7	SALICYLIC
	ACID
107-97-7	SARCOSINE
	SEA
	SALTS
7699-41-4	SILICIC ACID
7761-88-8	SILVER
	NITRATE
7761-88-8	SILVER NITRATE
10294-26-5	SILVER
107.00.0	SULFATE
127-09-3	SODIUM ACETATE (ANHYDROUS)
6131-90-4	SODIUM
68411-30-3	ACETATE, GRANULAR SODIUM ALKYLARYL-SULFONATE
13011-54-6	SODIUM SODIUM
13011-34-0	AMMONIUM PHOSPHATE
7784-46-5	SODIUM ARSENITE
26628-22-8	SODIUM
	AZIDE
144-55-8	SODIUM BICARBONATE
144-55-8	SODIUM
	BICARBONATE
7631-90-5	SODIUM BISULFITE
1303-96-4	SODIUM
	BORATE
124-65-2	SODIUM CACODYLATE
497-19-8	SODIUM
	CARBONATE
7647-14-5	SODIUM CHLORIDE
	SODIUM
	CITRATE
9011-18-1	SODIUM DEXTRAN SULFATE
7681-49-4	SODIUM
	FLUORIDE
1310-73-2	SODIUM HYDROXIDE

151-21-3	SODIUM LAURYL SULFATE (SODIUM DODECYL SULFATE)
	SODIUM META-BISULFITE
7601.05.0	
7631-95-0	SODIUM MOLYBDATE
7631-95-0	SODIUM MOLYBDATE
7631-99-4	SODIUM
	NITRATE
7631-99-4	SODIUM NITRATE
7631-99-4	SODIUM
	NITRATE
7632-00-0	SODIUM NITRITE
13755-38-9	SODIUM
	NITROPRUSSIDE
7601-89-0	SODIUM PERCHLORATE
7782-85-6	SODIUM
	PHOSPHATE DIBASIC, ANHYDROUS
10049-21-5	SODIUM PHOSPHATE MONOBASIC
	MONOHYDRATE
7558-80-7	SODIUM
	PHOSPHATE MONOBASIC, ANHYDROUS
7558-79-4	SODIUM PHOSPHATE, DIBASIC
7558-79-4	SODIUM
	PHOSPHATE, DIBASIC, ANHYDROUS
7722-88-5	SODIUM PYROPHOSPHATE
54-21-7	SODIUM
	SALICYLATE
10102-18-8	SODIUM SELENITE
1344-09-8	SODIUM
	SILICATE
7757-82-6	SODIUM SULFATE
7757-83-7	SODIUM
	SULFITE, ANHYDROUS
	SODIUM TARTRATE, CRYSTAL
10102-17-7	SODIUM
	THIOSULFATE PENTAHYDRATE
53125-86-3	SODIUM TUNGSTATE DIHYDRATE
50-70-4	SORBITOL
50-70-4	SORBITOL
21736-83-4	SPECTINOMYCIN
	DIHYDROCHLORIDE
10025-70-4	STRONTIUM CHLORIDE HEXAHYDRATE
110-15-6	SUCCINIC
	ACID
110-15-6	SUCCINIC ACID
57-50-1	SUCROSE
57-50-1	SUCROSE
63-74-1	SULFANILAMIDE
5965-83-3	SULFOSALICYLIC ACID DIHYDRATE
7664-93-9	SULFURIC
	ACID
1401-55-4	TANNIC ACID
133-37-9	TARTARIC
	ACID, GRANULAR

145-42-6	TAUROCHOLIC ACID (CRUDE FROM OX BILE) SODIUM SALT
1180-95-6	TAURODEOXYCHOLIC
CA 75 5	ACID
64-75-5	TETRACOPUINA
64-02-8	TETRASODIUM ETHYLENE DIAMINE TETRAACETATE
67-03-8	THIAMINE HYDROCHLORIDE (VITAMIN
	B1 HYDROCHLORIDE)
79-19-6	THIOSEMICARBAZIDE
50-89-5	THYMIDINE
108-88-3	TOLUENE
76-03-9	TRICHLOROACETIC ACID
76-03-9	TRICHLOROACETIC
	ACID
1389475	TRICINE
1185-53-1	TRIS
77.06.1	HYDROCHLORIDE TRICK DYDROCK MET LIVE A MENON MET LIANS
77-86-1	TRIS(HYDROXYMETHYL)AMINOMETHANE
077.06.1	(TRIS)
877-86-1	TRIS-EDTA
£0.50.00.0	TRITON X-100
6850-28-8	TRIZMA
	ACETATE TRIZAMA HOL COLUTION
	TRIZMA HCL SOLUTION
	TRYPTIC
73046-73-7	SOY BROTH TRYPTONE
	· · · · · · · · · · · · · · · · · · ·
73-22-3	TRYPTOPHAN
9005-64-5	TWEEN 20
31330-59-3	TYROSINE
57-13-6	UREA
57-13-6	UREA
57-13-6	UREA
660-88-8	VALINE
123334-20-3	VANADIUM (IV) SULFATE OXIDE
	HYDRATE
	XAD RESIN (IN METHANOL)
11138-66-2	XANTHAN GUM
7240-90-6	X-GAL
2650-17-1	XYLENE CYANOL FF
2000-17-1	XYLOSE
FE7 24 6	YEAST EXTRACT
557-34-6	ZINC ACETATE
7733-02-0	ZINC SULFATE
3368-04-5	4-METHYLUMBELLIFERYL
0000 07 0	PHOSPHATE
1336-21-6	AMMONIUM HYDROXIDE
7727-54-0	AMMONIUM
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PERSULFATE
75-12-7	FORMAMIDE
75-12-7	FORMAMIDE
	1 011111 1111112

111-30-8	GLUTARALDEHYDE SOLUTION
56-81-5	GLYCEROL
819-83-0	GLYCEROL 2-PHOSPHATE DISODIUM
	SALT HYDRATE
7722-84-1	HYDROGEN
	PEROXIDE
110-26-9	N,N¥-METHYLENEBISACRYLAMIDE
110-26-9	N,N¥-METHYLENEBISACRYLAMIDE
108-95-2	PHENOL
65546-95-4	SEPHACRYL
1313-84-1	SODIUM SULFIDE, HYDRATED
7240-90-6	5-BROMO-4-CHLORO-3-INDOLYL-BETA-D-GALACTOPYRANOSIDE
7240-90-6	5-BROMO-4-CHLORO-3-INDOLYL-BETA-D-GALACTOPYRANOSIDE
69-52-3†	AMPICILLIN
	SODIUM SALT
69-52-3†	AMPICILLIN SODIUM SALT
7177-48-2	AMPICILLIN
	TRIHYDRATE
1405-41-0	GENTAMYCIN SULFATE
25389-94-0	KANAMYCIN
	SULFATE
12650-88-3	LYSOZYME
25322-68-3	POLYETHYLENE
	GLYCOL 8000
1405-20-5	POLYMYXIN B SULFATE
39450-1-6	PROTEINASE
	K
3810-74-0	STREPTOMYCIN SULFATE
3810-74-0	STREPTOMYCIN
	SULFATE

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