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Chemical Inventory for Wilhelm Lab 624

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



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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 LeClerc.

WILHELM_ChemInv.xls

| CAS number | Compound Name (no abbreviations or formulas) |
|-------------|--|
| 125572-95-4 | (1,2-CYCLOHEXYLENEDINITRIL)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 |

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|-------------|---|
| 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 OCTADECYDRATE |
| 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 METAVANADATE |
| 13106-76-8 | AMMONIUM MOLYBDATE |
| 6484-52-2 | AMMONIUM NITRATE |
| 7783-20-2 | AMMONIUM SULFATE |
| 9005-82-7 | AMYLOSE |
| 147-81-9 | ARABINOSE |
| 50-81-7 | ASCORBIC ACID |
| 102110-73-6 | AZOALBUMIN |
| 78110-38-0 | AZTREONAM |
| 0118-01-8 | BACTO PEPTONE |
| 10361-37-2 | BARIUM CHLORIDE |
| | BEEF BLOOD |
| | BEEF EXTRACT |
| 107-43-7 | BETAINE |
| 150-24-5 | BICINE |

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| | 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 |
| | BUFFER SOLUTION, PH 7.0 |
| 75-60-5 | CACODYLIC ACID |
| 10325-94-7 | CADMIUM NITRATE |
| 10035-04-8 | CALCIUM 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 |

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|--------------|---------------------------------------|
| 10026-24-1 | COBALT SULFATE HEPTAHYDRATE |
| 7447-39-4 | COPPER(II) CHLORIDE |
| 1317-38-0 | COPPER(II) OXIDE |
| 7758-98-7 | 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 MONOHYDRATE |
| 57-71-6 | DIACETYL MONOXIME |
| 2577-62-0 | DIAMINOPIMELIC ACID |
| 67-43-6 | DIETHYLENETRIAMINEPENTAACETIC ACID |
| 1609-47-8 | DIETHYLPYROCARBONATE |
| 1609-47-8 | DIETHYLPYROCARBONATE |
| 7732-18-5 | DIHYDROGEN MONOXIDE (WATER) |
| 67-68-5 | DIMETHYL SULFOXIDE |
| 27565-41-9 | DITHIOTHREITOL |
| 516-06-3 | DL-VALINE |
| 50-70-4 | D-SORBITOL |
| 5625-37-6 | ETHANESULFONIC ACID |
| 64-17-5 | ETHANOL |
| 1239-45-8 | ETHIDIUM BROMIDE |
| 141-78-6 | ETHYL ACETATE |
| 314-13-6 | EVANS BLUE |
| 1185-57-5 | FERRIC AMMONIUM CITRATE |
| 10025-77-1 | FERRIC CHLORIDE HEXAHYDRATE |
| 34787-28-5 | FERRICHROME |
| 10045-89-3 | FERROUS AMMONIUM SULFATE |
| 7720-78-7 | FERROUS SULFATE |
| 2321 07 5 | FLOURESCIN |
| 19710-56-6 | FORMALDEHYDE |
| 7660-25-5 | FRUCTOSE |
| 26566-61-0 | GALACTOSE |
| 9000-70-8 | GELATIN |
| 50-99-7 | GLUCOSE |
| 576-36-3 | GLUCOUIC ACID |
| 56-86-0 | GLUTAMIC ACID |

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| 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 |

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| 7785-20-8 | NICKEL AMMONIUM SULFATE HEXAHYDRATE |
| 7718-54-9 | NICKEL(II) CHLORIDE |
| 11099-03-9 | NIGROSINE |
| 7697-37-2 | NITRIC 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 GLYCOL) 400 |
| 1405-20-5 | POLYMYXIN B SULFATE |
| 9004-95-9 | POLYOXYETHYLENE 20 CETYL ETHER |
| 25249-54-1 | POLYVINYLPYRROLIDONE |
| 127-08-2 | POTASSIUM ACETATE |
| 2139626 | POTASSIUM BROMIDE |
| 7447-40-7 | POTASSIUM CHLORIDE |
| 7447-40-7 | POTASSIUM CHLORIDE SOLUTION |
| 7778-50-9 | POTASSIUM DICHROMATE |
| 140-89-6 | POTASSIUM ETHYL XANTHOGENATE |
| 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 |

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| 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 SULFATE |
| 127-09-3 | SODIUM ACETATE (ANHYDROUS) |
| 6131-90-4 | SODIUM ACETATE, GRANULAR |
| 68411-30-3 | SODIUM ALKYLARYL-SULFONATE |
| 13011-54-6 | SODIUM 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 |

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| 151-21-3 | SODIUM LAURYL SULFATE (SODIUM DODECYL SULFATE) |
| | SODIUM META-BISULFITE |
| 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 |

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| 145-42-6 | TAUROCHOLIC ACID (CRUDE FROM OX BILE) SODIUM SALT |
| 1180-95-6 | TAURODEOXYCHOLIC ACID |
| 64-75-5 | TETRACYCLINE HYDROCHLORIDE |
| 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 HYDROCHLORIDE |
| 77-86-1 | TRIS(HYDROXYMETHYL)AMINOMETHANE (TRIS) |
| 877-86-1 | TRIS-EDTA |
| | TRITON X-100 |
| 6850-28-8 | TRIZMA ACETATE |
| | TRIZMA HCL SOLUTION |
| | TRYPTIC SOY BROTH |
| 73046-73-7 | 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 |
| | XYLOSE |
| | YEAST EXTRACT |
| 557-34-6 | ZINC ACETATE |
| 7733-02-0 | ZINC SULFATE |
| 3368-04-5 | 4-METHYLBELLIFERYL PHOSPHATE |
| 1336-21-6 | AMMONIUM HYDROXIDE |
| 7727-54-0 | AMMONIUM PERSULFATE |
| 75-12-7 | FORMAMIDE |
| 75-12-7 | FORMAMIDE |

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| 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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