## Crushing Lab Inventory

Lortone EXP diamond blade, 8”, 5/8 arbor Lortone 520-42

Lortone EXP diamond blade, 12”, 5/8 arbor Lortone 520-65

Lortone EXP diamond blade, 24”, 1” arbor Lortone 520-90

MK-303 diamond blade, 8”, 5/8” arbor MK Diamond 156723

MK-303 diamond blade, 12”, 1” arbor MK Diamond 156726

MK-303 diamond blade, 24”, 1” arbor MK Diamond

120 grit SiC powder Buehler 40-6400-120-080

Particulate Respirator N95 Grainger 3M Brand 8511

Bico-Braun large steel jaw crusher

Bico-Braun disc mill

Iron Disc mill plates Bico

Steel Disc mill plates Bico UA94/95

Ceramic disc mill plates UA-92/93

Disc mill V-belts Bico UA68-1

Jaw crusher plates Bico VD 82/86

Jaw crusher V-belts Bico VD-132

small ceramic jaw crusher ASC Scientific PE-150

small ceramic jaw crusher repl plates ASC Scientific 010A-023

Spex shatterbox

Spex shatterbox alumina dish/puck set

Spex ball mill

Spex ball mill alumina cup/ball set

Containers, 4 oz. (7cm dia x 5.7cm h) VWR 14-955-114A 89009-662

Containers, 8 oz. (short-3.5x2.375) VWR 14-955-115A 89009-664

Containers, 16 oz. (3.75x4.25), tall for T1 Fisher 14-955-117A

Containers, 16 oz. (3.50x3.50), short for T2 VWR 89009-666

Riffle-type, enclosed Sample Splitter, Humboldt Mfg. VWR H-3975 56723-206

Sieve (1000 µm) Fisher

Sieve (500 µm) Fisher Gilson V12BF #35

Sieve (250 µm) Fisher

Sieve Pan Fisher 04-886B

Sieve Brush VWR

Bags, clear poly, 4mil, 10”x12” Fisher 01-812-10E

Bags, clear poly, 4mil, 12”x20” Fisher 19-075-388K

Methanol (3.785 L Reagent grade SciEd) Fisher S75965

Cup brushes, steel, 3” dia., 1/4” shank Grainger 55FD06

Scratch brushes, steel, 1-1/8” brush, 7” handle Grainger 6TNH3

Earmuffs - 3M PELTOR Ear Muffs: Over-the-Head Earmuff Grainger 30F059

Earmuffs - HEXARMOR Ear Muffs: Over-the-Head Earmuff Grainger 61TM50

Earmuffs - HONEYWELL HOWARD LEIGHT Ear Muffs Grainger 499M89

Earmuffs - CONDOR Ear Muffs: Over-the-Head Earmuff Grainger 26X625

Dust masks - Dual, Adj, Molded Nose Bridge, Comfort, White, N95, 20 PK Grainger 61KV07

Dust masks - Dual, Non-Adj, Metal Nose Clip, Std, White Grainger 2KJJ5

Dust masks - Dual, Non-Adj, Molded Nose Bridge, Std, White Grainger 56LA92

Safety glasses - CONDOR Safety Glasses: Anti-Scratch, Frameless, Clear, Unisex Grainger 4JND5

Safety glasses - MCR SAFETY Safety Glass: Anti-Fog /Anti-Scratch,Clear Grainger 55KY19

## Heavy Liquids Lab Inventory

Acetone (lab grade) Mallinckrodt A18P4 BDH1101-4LP

Methylene Iodide Geoliquids MI001

Bromoform Geoliquids BF001

TBE Geoliquids AT001

Sodium polytungstate Geoliquids SP006

Sodium Bicarbonate Fisher S233-500

Fuller's Earth (Powder/Technical), Fisher Chemical Fisher F90-3

Alconox Fisher 04-322-4 21835-032

Neoprene gloves, small 7 Fisher 19-161-646A 32917-220

Neoprene gloves, medium 8 Fisher 19-161-646B 32917-221

Neoprene gloves, large 9 Fisher 19-161-646C 32917-222

Neoprene gloves, x-large 10 Fisher 19-161-646D 32917-223

White pasteboard boxes (3”x2”x1.25”) (72x47x28mm) EMS 50-277-12 100490-574

Containers, 4 oz. (7cm dia x 5.7cm h) 14-955-114A 89009-662

Containers, 8 oz. (short-3.5x2.375) Fisher 14-955-115A 89009-664

Containers, 16 oz. (3.75x4.25), tall for T1 Fisher 14-955-117A

Containers, 16 oz. (3.50x3.50), short for T2 VWR 89009-666

Containers, 64 oz. Fisher 14-955-119A 89009-670

Containers, 86 oz. Fisher 02-544-209A

Vials, scintillation (20 mL) glass, w/ attached PP cap, pulp foil liner VWR 66022-060

Vials, scintillation (20 mL) glass, w/ unattached urea cap, cork foil liner VWR 66022-055

Vials, scintillation (20 mL) glass, w/ unattached polypropylene cap, pulp foil backed Wheaton 03-337-4

Vials, scintillation (20 mL) PET, w/ unattached urea cap, cork foil liner 66021-737

Vials, polypropylene (20ml) w/cap Fisher 03-337-23A

Autosampler vials, polystyrene, 2ml VWR 15070-290

Autosampler vial caps, polyethylene, 2ml VWR 15070-089

Vacuum pump (oiless, corrosion-resist) Barnant 400-1901 13-875-220

Vacuum pump (dual, oiless, corr-resist) Barnant 400-2901 13-875-222

Vacuum pump service kit Barnant 401-0050 13-875-224

Vacu-Guard Filter Whatman 67225001 09-744-76 28137-737

Weighing paper (3”) Fisher 09-898-12A 12578-121

Weighing paper (4”) Fisher 09-898-12B 12578-165

Weighing paper (6”) Fisher 09-898-12C 12578-201

Filter paper (No. 2, 18.5 cm) Whatman 1002-185 09-810H 28455-164

Filter paper (No. 5, 18.5 cm) Whatman 1005-185 09-830E 28462-148

Filter paper (No. 114, 18.5 cm) Whatman 1114-185 09-833H

Flask, filter (1000mL) Kimble 27060-1000 10-181F 29416-157

Flask, filter (500 mL) Kimble 27060-500 10-181E 29416-146

Flask, Erlenmeyer (500 mL) Kimble 26500-500 10-39H SC29136-081

Funnel, pp (158 mm) Fisher 10-351G 30252-915

Funnel, filter (100 mm) Corning 6180-100 10-329D 89001-412

Funnel, filter (85 mm) Corning

Funnel, filter (80 mm) Corning

Funnel, filter (65 mm) Corning

Stopper, rubber, 7, 1-hole Fisher 14-135L

Stopper, rubber, 9, 1-hole Fisher 14-135N

Funnel, sep (1000 mL) Corning 29048-1000 10-435-5E 30352-244

Funnel, sep (500 mL) Corning 29048-500 10-435-5D 30352-222

Funnel, sep (250 mL) Corning 29048-250 10-435-5C 30352-200

Funnel, sep (125 mL) Corning 29048-125 10-435-5B 30352-186

Funnel, sep (60 mL) Corning 29048-60 10-435-5A 30352-164

Funnel, sep (30 mL) Corning 29048-30

Ring Stand (6x9x24) (rect) Fisher 14-670C

Ring Stand (tripod) Fisher

Castaloy clamp regular holder Fisher 05-754

Ring Extension (2”) Fisher 14-055A

Ring Extension (3”) Fisher 14-055B

Ring Extension (4”) Fisher 14-055C

Ring Extension (5”) Fisher 14-055D

Ring Extension (6”) Fisher 14-055E

Watch glass (100 mm) Fisher 02-610E 66112-209

Watch glass (180 mm) 66112-220

Watch glass (200 mm) Fisher 02-610J 66112-242

Beaker (4000 mL) heavy duty Kimble 140054000 02-555-20J 89001-084

Beaker (2000 mL) heavy duty Kimble 140052000 02-555-20G 89001-082

Beaker (1000 mL) heavy duty Kimble 140051000 02-555-20E 89001-081

Beaker (400 mL) heavy duty Kimble 14005400 02-555-20B

Beaker (250 mL) heavy duty Kimble 14005250 02-555-20A 89001-074

Beaker (4000 mL) Kimble 14000-4000 02-539T 89001-072

Beaker (2000 mL) Kimble 14000-2000 02-539R 89000-746

Beaker (1000 mL) Kimble 14000-1000 02-539P 89000-744

Beaker (400 mL) Kimble 14000-400 02-539L 89001-064

Beaker (250 mL) Kimble 14000-250 02-539K 89001-062

Beaker (150 mL) Kimble 14000-150 02-539J 89001-060

Beaker (50 mL) Kimble 14000-50 02-539G 89000-744

Beaker (30 mL) Kimble 14000-30 89000-742

Beaker (20 mL) Kimble 14000-20 02-539-1 89001-056

Beaker (10 mL) Kimble 14000-10 89001-054

Beaker (pp, 5000 ml) Fisher 02-543-36F

Wash bottle, LDPE, Water (500 ml) VWR 10111-948

Wash bottle, LDPE, Deionized Water (500 ml) VWR 10111-980

Hydrometer, 2.0-3.0 g/ml VWR 34620-100

Floating Stir Bar (for 4000ml beaker) Fisher 14-511-99E 58948-864

Brush, test tube, 19-25 mm dia Fisher 03-578 470149-236

Brush, pipet, 43 cm long, 2.4 cm bristle 03-625 17080-004

Brush, flask (250ml) Fisher 03-570A SC17145-041

Brush, toothbrush style, nylon VWR 21909-372

Pipe cleaner, 3 mm dia, 50' roll VWR 17227-022

Hand magnet Gilson SP-90

Glassware Drying Rack Fisher 05-718-40

4000 ml mortar (ceramic - Coors) Fisher 12-948G 50420-347

pestle for 4000 ml mortar Fisher 12-948H 50420-540

Ultrasonic dismembrator, Fisher Model 500 Fisher 15-338-550

Ultrasonic dismembrator, tapped horn, 3/4” Fisher 15-338-57

Ultrsonic dismembrator, tapered, 1/2”, threaded with replaceable tips

Ultrasonic dismembrator, horn extender Fisher 15-338-66

Ultrasonic dismembrator, horn tips Fisher 15-338-65

Fisher Model 550 Sonic Dismembrator Fisher 15-338-550

Fisher Model 750 Sonic Dismembrator

Dismembrator Flat Tip replacements Fisher 15-338-64

Magnetic Stirrer Fisher 14-493-120S

Magnetic Stirrer (VWR DylaStir) VWR 58935-250 12620-974

Lab Jack Fisher 14-673-51

Ring Stand (L-shaped) Fisher 14-677

Castaloy 3prong clamp Fisher 05-769-8

Castaloy clamp regular holder Fisher 05-754

## Picking Lab

Nitrile gloves (soft), S VWR 19-130-1597B 89038-268

Nitrile gloves (soft), M VWR 19-130-1597C 89038-270

Nitrile gloves (soft), L VWR 19-130-1597D 89038-272

Nitrile gloves (black), S VWR 76307-462

Nitrile gloves (black), M VWR 76307-464

Nitrile gloves (black), L VWR 76307-466

White paper boxes (3”x2”x1.25”) (72x47x28mm) EMS 6432610 50-277-12 100490-574

Square plastic boxes, styrene, 1” x 1” x 5/8” Ted Pella 139-20

Square plastic boxes, styrene, 2” x 2” x 3/4” Ted Pella 139-10

Weighing paper (3”) Fisher 09-898-12A 12578-121

Weighing paper (4”) Fisher 09-898-12B

Weighing paper (6”) Fisher 09-898-12C

Transfer pipets (regular tip) Samco Samco 202 13-711-7 14670-103

Transfer pipets (extra fine tip) Samco Samco 235 13-711-31 14670-339

Kimwipes(sm) Kimberley-Clark 34155 06-666A 21905-026

Kimwipes(lg) Kimberley-Clark 34133 06-666-1A 21905-011

Petri dishes (glass; 60mm x 15mm) Corning 3160-60 08-747A 25354-025

Petri dishes (plastic; 60mm x 15mm) Fisher FB0875713A

Petri dishes (plastic; 35mm x 10mm) Fisher FB0875711YZ

Sieve cloth, 60 mesh Gilson NM-B#60

Sieve cloth, 100 mesh Gilson NM-C#100

Sieve cloth, 200 mesh Gilson NM-C#200

Sieve cloth, 400 mesh Gilson NM-D#400

Sieve cloth, 600 mesh Gilson NM-D#600

Compass cutter OLFA-Lithco CMP-1

Compass cutter replace blades OLFA-Lithco COB-1

PFA squeeze bottles Nalgene 2403-0500 03-409-12E SC16651-595

LDPE squeeze bottles Nalgene 2402-0500 03-409-10E

Jewelers forceps, extra fine point (no good!) Fisher 08-953E 21909-464

SWISS Jeweler style Forceps Non-magnetic SS style 5 Micro-fine 4-3/8” Fisher (Miltex) 17-305X NC9498625

Techni-Tool Ergonomic, ss, super fine Techni-Tool 758TW079

Techni-Tool, ss, super fine Techni-Tool 758TW486

cotton swab, plastic shaft, nonsterile, 6” Fisher 14-959-98

Pipe cleaner Fisher 03-642A MI166-040

Razor Blades Fisher 12-640 55411-050

Picking tool set (microprobes) Fisher 08-850 25939-958

Ethanol (Lab grade--Aaper Alcohol)2.51L Fisher (Aapee) E200SGF NC9922291 290-730

Ethanol (Lab grade-EMD Chemicals) 1L Fisher ME-X02-901

Acetone, omnisolv (EMD Chemicals) 4L Fisher MA-X01161 290-095

Methanol, omnisolv (EMD Chemicals) 4L Fisher MMX04881

Quartz crucibles, cylindrical, 10 ml, OD 22mm, H 33mm Advalue Technology FQ-2010

Cover for quartz crucible Advalue Technology FQ-2010-C

Polystyrene boxes, 8x4-1/2x1-3/8, 1 compart Daigger RX2838D

Mortar (alumina) 120 mm dia. Coors (Fisher) 12-948-5G

Pestle (alumina) 117 mm Coors (Fisher) 12-948-5H

### Polishing Supplies

Epoxicure epoxide resin Buehler 20-8130-032

Epoxicure epoxide hardner Buehler 20-8132-008

Struers EPOES Resin Struers 40200030 (EPOES)

Struers EPOES Hardner Struers 40200031 (EPOAR)

30 µm SiC paper (8” round plain backed) PSI Dragon PSI-1430S-8

15 µm SiC paper (8” round plain backed) PSI Dragon PSI-1415S-8

9 µm SiC paper (8” round plain backed) PSI Dragon PSI-1409S-8

3 µm Al2O3 paper (8” round plain backed) PSI Dragon PSI-1403-8

1 µm Al2O3 paper (8” round plain backed) PSI Dragon PSI-1401-8

180 grit PSA backed 3x11” abrasive strips PSI Dragon PSI-365-180

MicroPolish II 0.3 µm Al2O3 1lb powder Buehler 40-6321-016

MasterMet 0.06 µm colloidal silica suspension Buehler 40-6370-006

Texmet cloth (8” round PSI backed) Buehler 40-8618

Microcloth (8” round PSI backed) Buehler 40-7218

Release agent Buehler

Silicone vacuum grease (5 oz tube) Dow Corning 1597418 59344-055

Pyrex 1” moulds Buehler

Glass slides, 75 x 38mm Fisher 12-550B

Kapton 1-1/2” x 36 yd double-sided polyamide tape Kaptontape.com

Double-sided tape Office Depot

aluminum weighing dishes, disposable (85mL) Fisher 08-734C 25433-085

wooden stick, 6” non-sterile Fisher 19-086-333

### Office Supplies

Lab notebook (Avery quadrille) Office Depot 126-741

Glue Sticks Office Depot 910-216

Scotch tape, 3/4 x 1296 in. 4 pk Office Depot 415-380

File folders Office Depot 938-928

Hanging folders Office Depot 804-641

Computer address labels Office Depot 400-929

Sticky labels, rectangular, 3/4”x1/2” Office Depot 112-797

Sharpie markers, fine Office Depot 927-194

Sharpie markers, xtra fine Office Depot 927-277

Pens, Papermate Office Depot 181-578

Dry erase markers, xtrafine Office Depot 204-156

Dry erase markers, fine Office Depot 204-214

Roll Kraft paper (40lb., 24”) Office Depot 401411

4 X 4 X 3” KRAFT INDESTRUCTO MAILERS Uline S-20997

5 X 4 X 3” KRAFT INDESTRUCTO MAILERS Uline S-18147

5 X 5 X 3” KRAFT INDESTRUCTO MAILERS Uline S-18148

### Dissolution Lab Inventory

Gravity oven, Fisher Isotemp Premium, medium (3.75ft3) Fisher 13-247-737G

Gravity oven, Fisher Isotemp Standard, medium (3.75ft3) Fisher 13-247-637G

Yamato 5.4 cu. Ft gravity convection oven 13-263-75

23 ml assembly Parr 4745

23 ml hi-P assembly Parr 4749

23 ml hi-P replacement jacket Parr 276AC

Rupture discs, small Parr 287AC

Corrosion discs, small Parr 286AC

125 ml bomb assembly Parr 4748

125 ml steel jacket replacement Parr 302AC

125 ml Teflon cup replacement Parr A305AC

Rupture discs, large Parr 311AC

Corrosion discs, large Parr 310AC

Zetex (hot) gloves, 14 inch Fisher 11-392-51

Scotch brite pads 178870

PTFE High Temperature Dry Lubricant Film Bonding McMaster-Carr 1039K38

## Tools

bench vice

dremel tool

dremel disk brush

dremel cup brush

socket set- English

socket set- metric

wrench set- English

wrench set- metric

allen key set - English

allen key set - metric

drill bit index

cordless drill

screw driver set (big)

screw driver set (small)

heat gun

rubber mallet

claw hammer

5 lb. Hammer

### Clean Lab Inventory

**Resins**

AG1-x8 Resin, 100-200 mesh, Cl-, 500g Eichrom A8-B500-M-CL

AG1-x8 Resin, 200-400 mesh, Cl-, 500g Eichrom A8-B500-F-CL

AG50W-x8 cation exchange resin, 100-200 mesh Eichrom C8-B500-M-H

AG50W-x12 cation exchange resin, 100-200 mesh Biorad

AG50W-x8 cation exchange resin, 200-400 mesh Eichrom C8-B500-F-H

AG50W-x12 cation exchange resin, 200-400 mesh Biorad

Sr-spec SPS, 50-100 mm, 50g Eichrom SB-B50-S

Sr-spec SPS, 100-150 mm, 50g Eichrom SB-B50-A

LN-spec SPS, 100-150 µm, 200g Eichrom LN-B200-A

Pb-spec SPS, 50-100µm, 50g Eichrom PB-B50-S

Pb-spec SPS, 100-150µm, 50g Eichrom PB-B50-A

Bio beads, S-X8, 200-400 mesh Bio-Rad 152-3350

**Reagents**

Acetic acid. Glacial (Optima) 250ml Fisher A465-250

Acetone, BDH ACETONE 99.5% ACS GRADE BDH1101-4LP

Acetone, omnisolv (EMD Chemicals) 4L Fisher MA-X01161 290-095

Methanol, electronics grade, 1 gal BDH (VWR) BDH2029-1GLP

Methanol, omnisolv (EMD Chemicals) 4L Fisher MX0488-1 MMX04881 EM-MX0488-1

Isopropanol, omnisolv (EMD Chemicals) 1L Fisher MPX18346

Hydrochloric Acid, conc, reagent grade, 2.5L (<1ppm Pb) Fisher A481-212 280-277

Hydrochloric Acid, conc, ACS plus, 2.5L (<0.1ppm Pb) Fisher A144C-212

Hydrochloric Acid, conc, TraceMetal, 2.5L (<0.1ppb Pb) Fisher A508-212 280-277

Hydrochloric Acid, conc, Seastar Baseline sold as Optima, 2L (<1ppt) Fisher A466-2

Hydrochloric Acid, conc, Seastar Baseline sold as BDH Aristar Ultra, 2L VWR 87003-220

Nitric Acid, conc, reagent grade, 2.5L (<1ppm Pb) Fisher A483-212 MK140946

Nitric Acid, conc, ACS plus, 2.5L (<0.1ppm Pb) Fisher A200C-212

Nitric Acid, conc, TraceMetal, 2.5L (<0.1ppb Pb) Fisher A509-212

Nitric Acid, conc, Optima, 2L (<1ppt) A467-2

Hydrobromic Acid, 47-49%, ACS, 500ml (<5 ppm metals) Fisher A140-500

Hydrobromic Acid, 47-49%, ACS, 500ml Fisher (Acros) AC42378-5000

Hydrobromic Acid, conc, Optima, 2L (<1ppt) Fisher A4712

Hydrobromic Acid, 47-49%, ACS, 1L Fisher (AlfaAesar) AA36694K2

Hydrofluoric Acid, conc, reagent grade, 10lb (5L) (<5 ppb Pb) Fisher A147-10LB about 4L

Hydrofluoric Acid, conc, reagent grade, 1lb (0.5L) (<0.1ppm Pb) Fisher A147-1LB about 400ml

Hydrofluoric Acid, conc, reagent grade, 10lb (5L) (<0.1ppm Pb) Mallinckrodt about 4L MK264010 MK264008

Hydrofluoric Acid, conc, reagent grade, 1lb (0.5L) (<0.1ppm Pb) Mallinckrodt about 400ml MK26401 MK264012

Hydrofluoric acid 48 - 51% ACS, VWR Chemicals BDH®, 3.8L (<0.5 ppm Pb) VWR BDH3042-3.8LP

Hydrofluoric acid, conc, reagent grade, J.T. Baker™, 2.5L Fisher 02-003-071

Hydrofluoric Acid, conc, TraceMetal, 500ml (<0.1ppb Pb) Fisher A513-500

Hydrofluoric Acid, conc, TraceMetal, 4L (<0.1ppb Pb) Fisher A5134

Hydrofluoric Acid, conc, Seastar Baseline sold as Optima, 2L (<1ppt) Fisher A463-2

Hydrofluoric Acid, conc, Seastar Baseline sold as BDH Aristar Ultra, 2L VWR 87003-223

Hydrogen Peroxide, 30%, ACS, 4L Fisher H325-4

Hydrogen Peroxide, 30%, ACS, 20L, stabilized VWR BDH7742-7

Hydrogen Peroxide, 30%, ACS, 19L, unstabilized JT Baker 5516-07 JT5516-7

Hydrogen Peroxide, 30%, ACS, 19L, stabilized JT Baker 2200-7 JT2200-7

Hydrogen Peroxide, 30%, Ultrex JT Baker 515501 NC9730032

Hydrogen Peroxide, 30%, Seastar Baseline, 500 ml Seastar S021001 -SSNF03

Phosphoric acid, suprapure, 250 ml EM

Tergitol Sigma NP10 A147-10LB

Eriochrome black T VWR MK241955

Phenolphthalein powder VWR 314-460

n-Heptane, 500 ml Omni-solv VWR EM-HX0082-5

Bis(2-ethyl hexyl)Hydrogen Phosphate(HDEHP) Aldrich "23,782-5

L-Ascorbic acid, 100 gm VWR MK440-702

Boric acid, 250 gm, 99.999% Aldrich "20,287-8

Acetic acid, glacial, 99% Seastar

Sodium Hydroxide, 5N, 1L VWR JT5671-2

Sodium Hydroxide, 2.5N, 1L VWR JT5666-2

Sodium Hydroxide, 0.25N, 1L VWR JT5638-2

Ammonium Hydroxide, ACS, 2.5L Fisher A669-212

Potassium Hydroxide, ACS, 500 g BDH BDH9262-500G

Ammonium Chloride, powder, ACS, 500g Fisher A661-500

Sodium Bromate, 500 gm VWR EM-SX0385-1

pH indicator strips VWR 253-728

Copper Gauze (20 mesh, 0.41mm wire) Alfa Aesar 42777-HB AA42777-HB

**Disposables**

Gloves, PVC, Class10, small, long KimTech 61001 19-048-587B 32934-038

Gloves, PVC, Class10, medium, long KimTech 61002 19-048-587C 32934-040

Gloves, PVC, Class10, large, long KimTech 61003 19-048-587D 32934-042

Gloves, PVC, Class10, X-large, long KimTech 61004 32934-044

Gloves, PVC, Class10, small, Durashield High-Tech Conversions (if Kimtech out of stock) GLT-GLP-0080SM 76292-850

Gloves, PVC, Class10, medium, Durashield High-Tech Conversions (if Kimtech out of stock) GLT-GLP-0080MD 76292-852

Gloves, PVC, Class10, large, Durashield High-Tech Conversions (if Kimtech out of stock) GLT-GLP-0080LG 76292-854

Gloves, PVC, Class10, X-large, Durashield High-Tech Conversions (if Kimtech out of stock) GLT-GLP-0080X 76292-856

Parafilm, 2x250 Fisher 13-374-16

Parafilm, 4x250 Fisher 13-374-12 52858-032

Durx wipers 670 (4x4) Berkshire DR670-0404-10 06-665-30A 21913-410

Durx wipers 670 (9x9) Berkshire DR670-0909-20 06-665-30B 21913-431

Durx wipers 770 (4x4) Berkshire DR770-0404-10 06-665-33F 21913-410

Durx wipers 770 (9x9) Berkshire DR770-0909-20 06-665-33G 21913-431

PP Centrifuge tubes, 1.5 ml, locking caps 05-669-32

PP Centrifuge tube screw caps, no o-ring, natural 02-681-347

PP Centrifuge tubes, 2 ml, natural, no caps 02-681-343

PP Centrifuge tubes, 1.5 ml, snap cap 05-408-129

PP Centrifuge tubes, 15 ml 05-539-5 89049-170

PP Centrifuge tubes, 50 ml Nalgene SC21008-714 05-539-9 89049-174

PE Pipette tips, 2-20 µl, universal fit, Rainin Shaftguard SpaceSaver stacked refills Rainin 30389283 GPS-10G

PE Pipette tips, 250 µl, universal fit, Rainin SpaceSaver stacked refills Rainin 30389287 GPS-250

PE Pipette tips, 1000 µl, universal fit, Rainin SpaceSaver stacked refills Rainin 30389279 GPS-1000

PE Pipette tips,5 ml (Finn tip) Fisher 21377304

PE Pipette tips, 1-200 ml , “gel-loading” Fisherbrand 161120 02-707-81 53495-273

Hairnets (Kleenguard bouffant cap, medium) Fisher 17-981-43A 10815-910

Hairnets (Fisherbrand bouffant cap, 21”, polypropylene) 19-098-913

Worklon LD-100 system polyester frock, S Superior Uniform 3454-S 14228-046

Worklon LD-100 system polyester frock, M Superior Uniform 3454-M 14228-048

Worklon LD-100 system polyester frock, L Superior Uniform 3454-L 14228-050

Worklon LD-100 system polyester frock, XL Superior Uniform 3454-XL 14228-052

Worklon LD-100 system polyester frock, XXL Superior Uniform 3454-2XL 14228-054

Disposable Tyvek coveralls, lg VWR MW0429-L

KIMTECH PURE A7 ANKLE HI SHOECOVER UNIV VWR 10847-812

Taffeta-Hypalon Shoecover,White Knight, S VWR 10798-894 10798-894

Taffeta-Hypalon Shoecover,White Knight, M VWR 10798-958 10798-958

Taffeta-Hypalon Shoecover,White Knight, L VWR 10798-886 10798-886

Taffeta-Hypalon Shoecover,White Knight, XL VWR 10798-888 10798-888

Uvex Astrospec 3000, clear, ultra-dura, black frame VWR S135C 19-025-318 33002-036

Uvex Astrospec 3000, clear ultra-dura, replacement lens VWR 33002-041

30-Layer Mats with Double Frame, 78.7 x 127 cm (31 x 50”), 30 ct, blue VWR 89097-506

30-Layer Mats with Double Frame, 78.7 x 127 cm (31 x 50”), 30 ct, gray VWR 89097-504

30-Layer Mats with Double Frame, 78.7 x 127 cm (31 x 50”), 30 ct, white VWR 89097-502

VWR® PureStep Adhesive Mat, 30” x 24”, 30 ct, clear (refill) VWR 89428-992

VWR® PureStep Adhesive Mat, 30” x 24”, 30 ct, blue (refill) VWR 87004-000

VWR® PureStep Adhesive Mat, 30” x 24”, 30 ct, gray (refill) VWR 87004-004

VWR® PureStep Adhesive Mat, 30” x 24”, 30 ct, white (refill) VWR 87004-006

Mallinckrodt HF spill kit Fisher MK-H355 MKH35501

Round sticky labels, 1/2” Office Depot 112-474

Calcium Gluconate Gel (25g tube) Pharmascience 406512 buy from Fisher

### Column chemistry

Shrink teflon- 4:1, 3/8” id "Geo. Lab Supply, Zeus, Texloc

Shrink teflon- 4:1, 1/2” id "Geo. Lab Supply, Zeus, Texloc

Shrink teflon- 4:1, 3/4” id "Geo. Lab Supply, Zeus, Texloc

Shrink teflon- 4:1, 1” id "Geo. Lab Supply, Zeus, Texloc

Frit material, polyethylene 1/8” AIN plastics

Frit material, polyethylene 1/8” AIN plastics

Teflon PTFE (white) sheet, 1/8” AIN plastics

125ml FEP teflon separatory funnel for columns Nalgene 10-437-25A

250ml FEP teflon separatory funnel 10-437-25B

PFA teflon rigid wall tubing, 1/4” id for columns

Econo columns (Sm/Nd) Biorad 737-0711

Quartz glass columns for Methylactic REE separation

leather punch kit

cork borers

### Plasticware

FEP teflon bottles, 30 ml, dropper Nalgene 03-007 16354-320

Quick-seal polypropylene tube for dome caps, 25 x 89 mm Beckman-Coulter 342414

FEP teflon bottles, 125 ml, squirt 03-409-12A

FEP teflon bottles, 250 ml, squirt Nalgene 03-409-12C

FEP teflon bottles, 500 ml, squirt Nalgene 03-409-12E

FEP teflon bottles, 30 ml, narrow Nalgene 02-923-30AA 16071-008

FEP teflon bottles, 60 ml, narrow Nalgene 02-923-30BB 16071-020

FEP teflon bottles, 125 ml, narrow Nalgene 02-923-30A 16071-041

FEP teflon bottles, 250 ml, narrow Nalgene 02-923-30B

FEP teflon bottles, 500 ml, narrow Nalgene 02-923-30C

FEP teflon bottles, 1 L, narrow Nalgene 02-923-30D

FEP teflon bottles, 2 L, narrow Nalgene 02-923-30E 16071-245

FEP teflon bottles, 125 ml, wide Nalgene 02-924-15A

FEP teflon bottles, 250 ml, wide Nalgene 02-924-15C

FEP teflon bottles, 500 ml, wide Nalgene 02-924-15E

FEP teflon bottles, 1 L, wide Nalgene 02-924-15G

FEP teflon bottles, 2 L, wide Nalgene 02-925-111

PFA teflon bottles, 30 ml Nalgene 02-923-35H

PFA teflon bottles, 125 ml Nalgene 02-923-35K 16071-041

PFA teflon bottles, 250 ml Nalgene 02-923-35L

PFA teflon bottles, 500 ml Nalgene 02-923-35M

PFA teflon bottles, 1 L Nalgene 02-923-35N

PFA teflon bottles, 2 L Nalgene 16071-245

Savillex PFA 250 µl microcapsules Savillex 7226

Savillex PFA 500 µl capsules Savillex 7235

Savillex PFA teflon beakers, 3 ml, hex screwtop, round bottom 023RT

Savillex PFA teflon beakers, 5 ml, snaptop, square bottom Savillex 0217T

Savillex PFA teflon beakers, 7 ml, screwtop, round bottom Savillex 0225RT

Savillex PFA teflon beakers, 15 ml, screwtop, round bottom Savillex 025RT

Savillex PFA teflon jars, 60 ml, screwtop Savillex 0102

Savillex PFA teflon jars, 90 ml, screwtop Savillex 0103

Savillex PFA teflon jars, 120 ml, screwtop Savillex 0104

Savillex PFA teflon bath, 2.4L Savillex 4200

Savillex PFA teflon bath, cover Savillex 4201

PFA teflon tongs Cole Parmer

Blue plastic small forceps, Nalgene Nalgene 6320 0010 10-309 30049-122

Polypropylene carboy, 20 L Nalgene 02-963-2B 16334-220

Polypropylene carboy, 10 L Nalgene 02-963-2A

Graduated cylinder, 10 ml Nalgene 34795-050 08-572A

Graduated cylinder, 25 ml Nalgene 08-572B

Graduated cylinder, 100 ml Nalgene 34795-056 08-572D

Graduated cylinder, 250 ml Nalgene 34795-058 08-572E

Graduated cylinder, 500 ml Nalgene 08-572F

Graduated cylinder, 1000 ml Nalgene 08-572G

PE Fisherbrand\* 500mL Easy-Squeeze Wash Bottles Fisher 02-897-10

Polyethylene bottle, square, 500 ml, 38-430 thread Fisher 03-311-1S

Microcentrifuge Tube Racks; 96 place with lid EMS 100491-060

Polypropylene bottle, 125 ml Nalgene 02-896C

Polypropylene bottle, 250 ml Nalgene 02-896D

Polypropylene bottle, 500 ml Nalgene 02-896E

Polypropylene bottle, 1000 ml Nalgene 02-896F

1 gallon polypropylene wide-mouth bottle Nalgene 11-815-12B 16129-094

PP Beakers, disposable VWR 13915-500

LDPE dropper bottles, 30ml Fisher 03-006-2

Misc. teflon fittings

Tygon tubing - 1/4” id

Tygon tubing - 3/8” id

Tygon tubing - 1/2” id

Tygon tubing - 3/4” id

Teflon PFA tubing - 1/4”

Teflon PFA tubing - 3/8”

Teflon PFA tubing - 1/2”

Teflon PFA tubing - 3/4”

Bytac FEP teflon surface covering, 15'x25” 14-206-44

Glassware

Guy-Lussac spec grav bottle, 10ml Fisher 03-240A

Volumetric flask, 100 ml VWR 29620-641

Volumetric flask, 200 ml VWR 29620-663

Volumetric flask, 500 ml VWR 29620-700

Volumetric flask, 1000 ml

Volumetric flask, 2000 ml VWR 29620-743

Erlenmeyer flask, 50 ml VWR 29136-037

Erlenmeyer flask, 125 ml VWR 29136-048

Erlenmeyer flask, 250 ml VWR 29136-060

Pyrex beakers, 10 ml VWR 13910-063

4000 ml pyrex beaker Fisher 02-540T

4000 ml pyrex beaker heavy duty Fisher 02-555-25K

Crystallizing Dish, 150 x 75 mm 89001-756

Watch glasses for 4000 ml beakers (8 inch dia.) Fisher 02-610J

Watch glasses for ≥1000 ml beakers (5 inch dia.) Fisher 02-612E

Burets VWR

Equipment

Mettler balance, AX205 (0.01mg, 0-220g) 01-910-004

Mettler balance, AG204 (0.1mg, 0-210g) 01-909-377

Mettler balance, top loading, PR2002 (0.01g, 0-2100g) 01-913-507C

Surface thermometer (open) Fisher 15-170-10D

room thermometer Fisher 06-662-4

Fisher Scientific Mini Centrifuge Fisher 05-090-100

Large centrifuge, Fisher Centrific Model 228 Fisher 04-978-228

Fisher IsoTemp Hotplate, Ceramic Top, 49in2 11-600-49H

VWR single-channel variable volume pipettor, 2-20ul 89130-556

Sartorius single-channel variable volume pipettor, 2-20 µl VWR 10835-933

Fisherbrand Finnpipette Pipetter, 0.5-10µl Fisher 21-377-251 53495-280

Fisherbrand Finnpipette Pipetter, 5-50µl Fisher 14-386-72 53495-282

Fisherbrand Finnpipette Pipetter, 20-200µl Fisher 14-386-73 53495-284

Fisherbrand Finnpipette Pipetter, 100-1000µl Fisher 14-386-74 53515-050

Fisherbrand Finnpipette Pipetter, 1-5ml Fisher 21-377-244

Lab jack, plastic, Scienceware Bel-Art Scienceware F183910001 03-410-493 47751-794

Double quartz still Allen Scientific Glass

Single quartz still Allen Scientific Glass

Horizontal laminar flow fume hoods Microzone

Vertical laminar flow fume hoods Microzone

Horizontal laminar flow hoods Microzone

Fisher Scientific™ 420 Series Zoom Stereoscopic Microscopes Nikon 11-350-124

Fibre Optic light source Nikon

BRANSON ULTRASONICS B200 Branson 100-951-010 15-337-22

Bransonic B1210 Perforated Tray, Insert (1.9L) Branson 100-410-160 15-337-19A

Branson Ultrasonic Cleaner B1510-MT (1.9L). Chamber Size: 6 x 5-1/2 x 4” Branson CPN-952-116 15-337-22A

Branson Ultrasonic Cleaner B3510-MT (5.7L). Chamber Size: 1-11/2 x 6 x 6 in” Branson CPN-952-316 15-337-22F

Ultrasonic dismembrator, Fisher Model 500 Fisher 15-338-550

Ultrasonic dismembrator, tapped horn, 3/4” Fisher 15-338-57

Ultrasonic dismembrator, horn extender Fisher 15-338-66

Ultrasonic dismembrator, horn tips Fisher 15-338-65

Powrtrol Power Controller, Glas-Col VWR 33797-414

Powrtwin Power Controller, Glas-Col VWR 33797-440

 #REF!

### Water System (BSU)

Elix 5 Millipore

MilliQ Gradient Millipore

PrePak Pretreatment Assembly Millipore ZF2000130 NC9301496

PrePak Pretreatment Cartridge Millipore PRPK00001 PRPK00001

ProGard2 Pretreatment Cartridge (Elix) PROG00002 PROG00002

QGard2 Pretreatment Cartridge (Gradient) QGARD00D2 QGAR D00 D2

Quantum IX Cartridge (Gradient) QTUM000IX QTUM 000 IX

Millipak Express 40 final filter MPGP04001

RO Chlorine Tablets ZWCL 01F 50 ZWCL 01F 50

RO Clean A ZWACID012 ZWACID012

RO Clean B ZWBASE012 ZWBASE012

### Mass Spec Lab Inventory

Spot welder

convection oven

dry box

Gamal Alumina Polishing compound A446-100

Silica gel dessicant

rhenium ribbon H Cross

rhenium ribbon (zone refined) H Cross

bead assemblies Micromass

Pipettor, 0.5-10µl Finnpippette 53495-280

Pipettor, 10-100 µl Finnpippette 53495-282

Pipettor, 100-1000 µl Finnpippette 53495-284

Pipettor, 1-5 ml Finnpippette 53515-050

diamond needle file set Techni-Tool 734FI100

forceps (metal, curved) Techni-Tool 758TW054

forceps (metal, straight) Techni-Tool 758TW052

Edwards Scroll Pump XDS-10 replacement scroll kit

tantalum chloride

Filter paper circles, 2.5 cm dia for wipe tests AHLSTROM 47749-672

spaghetti tubes: FEP AWG-24, 0.042” OD x 0.022” ID Norell