

Rothberg Lab 104 Chemical Inventory

Date 19-May-04

Chemical

9-Nitroanthracene
benzene
chloroform
chloroform
Dichloromethane
ethyl acetate
Ethyl alcohol
hexanes
hexanes
Hexanes
Methyl alcohol
Methylene chloride
Tetrahydrofuran
Toluene
Hydrobromic acid 48%
Hydrochloric acid
Naphchrome green
Nitric Acid
Phenanthrenequinone
Sulfuric Acid
Sulfuric Acid
duo seal pump oil
fomblin Synthetic Pump Oil
Hexadecylmercaptan
Microposit 1165 remover
Microposit 1805 photo resist
Microposit 351 developer, concentrate
Microprime primer
TKO-FT Organic Pump Oil
2-mercaptoethanesulfonic acid
1,1,2,2-Tetrachloroethane
1,4,-Butanediol
1,4-Dioxane
1.6-hexanedithiol
1.8-octanedithiol
1-Octanol
1-propanol
2-aminoethane thiol
2-Methyl-2-propanol
2-Propanol
2-propanol
3-Methylpentane 99%
4-tert-butylbenzoyl chloride
6-mercapto-1-hexanol
7-Mercaptoethanol
7-Mercaptohexanol
Acetone
Acetone (safety can)
Acetonitrile
Acetonitrile
Acetonitrile

Aniline
benzene
chlorobenzene
chlorobenzene
chloroform
chloroform
Cyclohexane
Decanthiol
deuterium oxide 99.9%
DMSO
DNA hybridization solution
Dueterium Oxide
ether, anhydrous
Ethyl alcohol
ethylene glycol
formaldehyde solution
hexadecyl mercaptan
hexyl alcohol 98%
ISOPAR G
isopropyl alcohol
isopropyl alcohol
Methyl alcohol 99.9%
methylcyclohexane
Methylene Chloride
N,N-dimethylformamide
n-Heptane
nitromethane
Octadecyltrichlorosilane
Octanethiol
Pentane 99%
poly(methacrylic acid)
poly[diallyldimethyl-ammonium chloride]
polydiallyldimethylammonium chloride
potassium tert-butoxide 1.0M solution in tetrahydrofuran
silver enhancer solution A
silver enhancer solution B
Silver Plating Soln (poison-cyanide)
Toluene
Trichloroethylene
trifluoroacetic acid 99%
Acetone 99.5+ %
Hellmanex II (soap)
Methanol
1-Aminoanthraquinone
2,3-Benzanthracene
2,6-Dicarboxy-nitro=Anthraquinone
2-Aminoanthraquinone
2-Bromo-methyl-Anthraquinone
2-MethylAnthraquinone
6-Bromo-Anthraquinone
6-Bromomethyl-Anthraquinone
8-Hydroxyquinoline Aluminum Salt
9,10-Anthracene dicarbonitrile
9,10-Dibromo-methyl-anthracene
9,10-Diethoxyanthracene

9,10-Dimethylanthracene
9-Methylacbazole
9-Methylanthracene
Acetonitrile
Acridine
Acridine Orange
Ammonium hexafluorophosphate
Anthracene
Anthracene
Anthracene
Anthraquinone
Anthraquinone
Anthraquinone-1,3-Dihexadecylester
Anthraquinone-1,5-Disulfonic Acid Disodium Salt
Anthraquinone-1,5-Disulfonic Acid Sodium Salt
Anthraquinone-2,6-Dicarboxylic Acid
Anthraquinone-2,6-Dicarboxylic Acid
Anthraquinone-2-carbonyl chloride
Anthraquinone-2-carboxylic acid
Anthraquinone-2-carboxylic acid
Anthraquinone-6,7-dicarboxylic acid
Anthraquinone-6,7-dicarboxylic acid
Anthraquinone-6,7-dicarboxylic acid
Anthraquinone-6,7-dicarboxylic acid
Anthraquinone-6-Carboxylic Acid Chloride
Anthraquinone-6-Carboxylic Acid Chloride
Anthraquinone-6-Carboxylic Acid Methylate
Anthraquinone-6-Carboxylic Acid Methylate
Anthraquinone-6-Carboxylic Acid Methylate
Anthraquinone-6-carboxylic acid phenolate
Anthraquinone-phenyl ester
azulene
benzophenone
c- and t-2,4'bromo-nitrostilbene
Cobalt-Phthalocyanine
Coumarin 1
di-bromo Anthraquinone
Dibromomanthracene-6-carboxylic acid methylate
dicarboxy-anthraquinone
Dicyano-Anthraquinone
dimethyl-anthraquinone
HAPP
Indole
Ruthenium tris-bipyridine
SAIC II Sensitizer
Silvernitrate
Sulforhodamine 101
Tetracyano Ethene
Tetraphenylphosphonium chloride
t-Stilbene
Alizarin red S Monohydrate
Chromium Flakes
Copper Phthalocyanine
Lithium Fluoride
Magnesium granules

Magnesium pieces
Molybdenum Foil
(3-Mercaptopropyl)triethoxysilane
1,4'-Dithio-DL-threitol
3-Aminopropyltriethoxysilane 99%
3-Cyanopropyl-triaethoxysilan
3-Glycidopropyltriethoxysilane 98%
3-Mercaptopropyl-trimethoxysilan
4-(N-maleimidomethyl)cyclohexane-1-carboxylic acid 3-sulfo-N-hydroxysuccinimide ester sodium salt
8-Anilino-1-naphthalene sulfonic acid
Albumin from bovine serum
biotin
biotin 3-sulf-N-hydroxysuccinimide ester sodium salt
cis-stilbene 97%
Colloidal Gold
Dithiothreitol
D-phenylalanine 99.0%
Hexafluorophosphoric acid
Hydrogen Peroxide 30% Solution
iodo-methane
N-(3-dimethylaminopropyl)-N-ethylcarbodiimide hydrochloride
n-(3-Trimethoxysilyl-propyl)-ethylene diamine
N-hydroxysuccinimide
Silver Needles
streptavidin from streptomyces avidinii
streptavidin-collodial gold(10nm)
Tetrabutylammonium hydroxide
tetrobutylammonium perchlorate(for supporting electrolyte)
trans-B-Carotene 95%
Trans-beta-carotene
Triethanoamine hydrochloride
Tris(2,2'-bipyridyl) dichloro ruthenium(II) hexahydrate
D-phenylalanine
Polystyrene polymer nanosphere TM
Polystyrene polymer nanosphere TM
Polystyrene polymer nanosphere TM
Polystyrene polymer nanosphere TM
triethylammoniumacetate buffer
11-amino-1-undecanethiol hydrochloride
6-ferrocenyl-1-hexanethiol
Dithiolbis(succinimidyl succinate)
gold colloid
2'-deoxyadenosine-5'-monophosphate
5'-amino-modifier C5
Bis(2,2'-bipyridine)-(5-isothiolcyanato phenanthroline) ruthenium bis (hexafluorophosphate)
Bis(2,2'-bipyridine)-4,4'-dicarboxy-bipyridine-ruthenium di(N-succinimidyl ester) bis (hexafluorophosphate)
[BODIPY@FL L-cystine](#)
dA-CPG
dithiothreitol(DTT)
dT-CPG
Ferrocene carboxylic acid
horse heart cytochrome C
methylene blue

N,N'-dicyclohexylcarbodiimide
N-hydroxysuccinimide
potassium hexacyanoferrate (II)
Pt(II) octaethylporphine (PtoEP)
Rhodamine red B7
sodium perchlorate monohydrate
streptavidin-gold conjugate
streptavidin-gold conjugate
sudan red
Thymidine 5'-monophosphate
tris(2,2'-bipyridyl)dichloro ruthenium (II) hexahydrate
tris-(2-carboxyethyl) phosphine hydrochloride (TCEP)
universal support
1,1,2,2-Tetrachloroethane (99.5%)
Magnesium fluoride
Magnesium powder
O-chloranil
1,1,1,3,3,3-Hexamethyldisilazane
1,10-Phenanthroline monohydrate
1,12-Dodecanedicarboxylic acid
1,1-Carbonyldiimidazole
1,2:5,6-Dibenzanthracene
1,2-Benzenedithiol
1,3,5,-Benzenetricarboxylic acid
1,3-Dicyanobenzene
1,4-Benzoquinone
1,4-butanedithiol
1,5-Dichloro-anthraquinone
1,8-Dihydroxyanthraquinone
11-mercaptoundecanoic acid
12-Bromododecanoic acid
12-Bromododecanoic acid
18-Crown-6
1-Aminonaphthalene
1-Chloroanthraquinone
1-Dodecanethiol
1-octyl-2-pyrrolidone
1-Poly(diallyldimethylammonium chloride) solution
1-pyrenemethylamine hydrochloride
2-(4-Biphenyl)-5-(4-tert-butyl-phenyl)-1,3,4-oxadiazole
2-(Bromomethyl)anthraquinone
2,3-Dicyanohydroquinone
2,6-Diaminoanthraquinone
2',7'-Dichlorofluorescein, indicator pH 4-6
2-Acetonaphthone
2-Chloro-1,4-benzoquinone
2-chloroanthraquinone
2-chloroanthraquinone
4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid
4(5)-Carboxyfluorescein
4-(Dimethylamino)-benzophenone
4-(methylamino)benzoic acid
4,4' Dimethoxystilbene
4-Aminophenol

4-Carboxy benzophenone
4-methoxyphenol
4-methoxyphenol
4-Nitrobenzoic acid
4-tert-Butylatechol
9,10-Dibromoanthracene
9,10-Dibromoanthraquinone
9,10-Dihydroanthracene
9,10-Dihydroanthracene
9-methylanthracene
Aluminum Ingot
Arachidic acid
Ascorbic acid
Benz()anthracene-7,12-dione
benzolyformic acid
Bismuth(III) nitrate pentahydrate
Boric acid
chromic acid polymer supported
Chromium oxide
Citric Acid
citric acid monohydrate
cobalt chloride 6-hydrate
Copper (II)Sulfate Pentahydrate
coronene
Dextrose
dextrosenAnhydrous powder
dibenz[,]anthracene
dibenzo-18-crown-6
Diethylenetriaminepentaacetic acid
dihexadecyl phosphate
dihexadecyl phosphate
EDTA, tetrasodium salt(electrophoresis grade)
Ferrous Ammonium sulfate hexahydrate
Fluoranthene
Fluorescein
hydroxylamine hydrochloride
L-Ascorbic Acid
Lauryl sulfate
Lead chloride
Magnesium Chloride
magnesium chloride
Magnesium oxide powder
magnesium sulfate, Anhydrous powder
mercury(II) chloride
Methlviologen dichloride hydrate
Methylene blue
Morpholinoethanesulfonic acid
N,N'-decyclohexylcarbodiimide
Naphthochrome Green
Napnthalene
n-Hexadecyltrimethylammonium bromide
Nitric Acid, Fuming 90%
Nitrobenzoic Acid
o-Chloranil-3,4,5,6-tetrachloro-1,2-benzoquinone
Octadecylamine

Oxalic Acid Dihydrate
Palladium (II) acetate
Palladium (II) chloride
Paraffin wax
Perylene
phenanthrene
Phosphoric acid
Poly(4-styrenesulfonic acid)
Poly(9-vinylcarbazole)
Poly(9-vinylcarbazole)
Poly(acrylic acid)
Poly(acrylic acid)
Poly(allylamine hydrochloride)
Poly(ethylene)
poly(ethylene-co-ethylacrylate-co-maleic anhydride)
Poly(methacrylic acid)
Poly(methylmethacrylate)
Poly(sodium 4-styrene sulfonate)
polyacrylic acid
polyethylene-graft-maleic anhydride
Polyethylenimine
Polystyrene
Polyvinyl alcohol
polyvinylpyrrolidone PVP
polyvinylpyrrolidene
Potassium Bicarbonate
potassium carbonate
potassium chloride
potassium chloride
potassium hexacyanoferrate(II)
potassium hexacyanoferrate(III)
potassium hexacyanoferrate(III) ACS
Potassium hydroxide
Potassium phosphate
Potassium phosphate monobasic
Potassium sodium tartrate
Potassium tetrachloro aurate (III)
p-Phenylene diisothiocyanate
p-Xylene
Pyrene Methylamine
Quinalizarin
Quinizarin
silica gel dessicant
Silicagel Dessicant
Silicon Dioxide
Silicone Oil
Silver Nitrate
Sodium Bicarbonate
Sodium Bromide
Sodium Chloride
Sodium citrate
Sodium dodecylsulfate
Sodium hydroxide
Sodium Phosphate dibasic
Sodium Phosphate monobasic

Sodium Sulfate
sucrose
tannic acid
Tetraethyl ammonium Nitrate
Tetraethyl ammonium bromide
Tetraethylammonium dihydrogen phosphate
Tetraethylammonium nitrate
Tetradodecylammonium bromide
Tetramethylammonium sulfate hydrate
Tetraoctadecylammonium bromide
Tetraodctyl ammonium bromide
Tin metal pieces
Tin(II) chloride(anhydrous) SnCl₂
Trans-4-hydroxystilbene
trans-4-Hydroxystilbene
trans-stilbene
Triethylamine
trifluoroacetic acid-d
trifluoroacetic acid 99%
triphenylene
Tris (tris(hydroxymethyl)-aminomethane)
t-Stilbene
TSTU
zinc, dust
Acetic Acid, Glacial
Ammonium Hydroxide 26%
hydrochloric Acid
Hydrogen peroxide soln.
Nitric Acid
Oxalic Acid
Perchloric acid 70%
Phosphoric Acid
Phosphoric Acid
Sodium Sulfate Anhydrous
Ammonium Hdroxide
1,4-Dioxane-DSD 99%
1-Decanethiol 96%
1-Octanethiol
2-Mercaptoethanol
Glycine Derivative
N-(3-dimethylaminopropyl)-N'-ethyl-carbodiimide hydrochloride
N-ethyl-diisopropyl amine
Poly(diallyldimethyl-ammoniumchloride)

Amount	Location	Supplier
15g	A	
4L	A	
4L	A	
4L	A	
4L	A	
500ml	A	sigma
1Gal	A	
4L	A	
4L	A	
4L	A	
4L	A	
1L	A	
4L	A	
4L	A	
500mL	Acid	
2.5L	Acid	
5g	Acid	
500mL	Acid	
5g	Acid	
500mL	Acid	
500mL	Acid	
1L	B	
0.75kg	B	
25mL	B	
1Gal	B	
1Qt	B	
1Gal	B	
1Gal	B	
0.75Gal	B	
	bellow hood FHS006	
1L	C	
250g	C	
500mL	C	
10 mL	C	
5g	C	
200mL	C	Sigma
500mL	C	Baker
25g	C	TCI
500mL	C	Aldrich
1L	C	
25mL	C	Baker
100 mL	C	
25g	C	
5ml	C	aldrich
25mL	C	
25mL	C	
4L	C	
	C	
1L	C	
1L	C	
1L	C	

500 mL	C	
1L	C	
500mL	C	
100mL	C	
1L	C	
1L	C	
1L	C	
25mL	C	
100 g	C	
500 mL	C	
500 mL	C	
100g	C	Cambridge
1L	C	Baker
100mL	C	
500mL	C	
500mL	C	
40mL	C	
100 mL	C	
	C	Exxon
500 mL	C	
200mL	C	
1L	C	Mall.
1L	C	
1L	C	
400mL	C	Aldrich
1L	C	
500mL	C	
100g	C	
25mL	C	
1L	C	
1L	C	Aldrich
25 mL	C	
1L	C	
500 mL	C	
100 mL	C	
100 mL	C	
500mL	C	Technic
500mL	C	
4L	C	
100 g	C	
1L	D	
1.3kg	D	
4L	D	
100g	E	
100mg	E	
2g	E	
100gt	E	
1mg	E	
20g	E	
3g	E	
1g	E	
5g	E	
5g	E	
2g	E	
1g	E	

1g	E
3g	E
2g	E
1L	E
5g	E
10g	E
25g	E
10g	E
250g	E
15g	E
10g	E
250mg	E
1g	E
100mg	E
1g	E
10g	E
1g	E
25g	E
5g	E
25g	E
10g	E
1g	E
1g	E
1g	E
2g	E
1g	E
2g	E
1g	E
1g	E
2g	E
2g	E
100mg	E
1g	E
2g	E
1g	E
1g	E
2g	E
5g	E
1g	E
500mg	E
5g	E
1g	E
2g	E
400mL	E
500mg	E
100mg	E
500mg	E
500mg	E
10g	E
2g	E
25g	F
50g	F
5g	F
10g	F
25g	F

50g	F	
5g	F	
25mL	Fridge	
1g	Fridge	sigma
2@100mL	Fridge	
100mL	Fridge	
100+500mL	Fridge	
100 mL	Fridge	
10mg	Fridge	sigma
5g	Fridge	
1g	Fridge	
100mg	Fridge	
10mg	Fridge	
10g	Fridge	
25mL	Fridge	
5g	Fridge	
1g	Fridge	
500g	Fridge	
500 mL	Fridge	
100g	Fridge	
1g	Fridge	
100mL	Fridge	
25g	Fridge	sigma
50g	Fridge	
1mg	Fridge	
0.4ml	Fridge	
25mL	Fridge	
20g	Fridge	
4X5g	Fridge	
5g	Fridge	
100g	Fridge	sigma
250mg	Fridge	
1g	Fridge(at spot B inside)	Aldrich, 162612
15ml	Fridge(at spot B inside)	ntific Corp. 3040 A, 41nm
15ml	Fridge(at spot B inside)	ntific Corp. 5026 A, 262nm
15ml	Fridge(at spot B inside)	ntific Corp. 3400A, 404nm
15ml	Fridge(at spot B inside)	ntific Corp. 3060A, 60nm
100ml	Fridge(at spot B inside)	fluka
10mg	Fridge(at spot D inside)	Dojindo lab
10mg	Fridge(at spot D inside)	Dojindo lab
10mg	Fridge(at spot D inside)	Dojindo lab
10ml	Fridge(at spot D inside)	α(5nm, 20nm, 10nm)
100MG	Fridge(at spot F inside)	sigma
1g	Fridge(at spot F inside)	glen research
5mg	Fridge(at spot F inside)	fluka
1mg	Fridge(at spot F inside)	fluka
1mg	Fridge(at spot F inside)	molecular probe
1g	Fridge(at spot F inside)	glen research
1g	Fridge(at spot F inside)	molecular probe
1g	Fridge(at spot F inside)	glen research
1G	Fridge(at spot F inside)	aldrich
in phosphate	Fridge(at spot F inside)	rofessor Bren's group
25G	Fridge(at spot F inside)	sigma

100g	Fridge(at spot F inside)	fluka
5g	Fridge(at spot F inside)	aldrich
100g	Fridge(at spot F inside)	alfa
250mg	Fridge(at spot F inside)	frontier
1mg	Fridge(at spot F inside)	molecular probe
100G	Fridge(at spot F inside)	sigma
l(almost use	Fridge(at spot F inside)	sigma
1g	Fridge(at spot F inside)	nanoprobe
250mg	Fridge(at spot F inside)	rofessor Yates' group
50mg	Fridge(at spot F inside)	sigma
250mg	Fridge(at spot F inside)	aldrich
1g	Fridge(at spot F inside)	molecular probe
1g+1g	Fridge(at spot F inside)	glen research
25g	G	
100g	G	
250g	G	
25g	Shelf	
25mL	Shelf	
5g	Shelf	
5g	Shelf	
10g	Shelf	sigma
25mg	Shelf	
100mg	Shelf	
25g	Shelf	
50g	Shelf	
5g	Shelf	
10mL	Shelf	
5g	Shelf	
100g	Shelf	
5g	Shelf	
5g	Shelf	
5g	Shelf	
5g	Shelf	
250g	Shelf	
100g	Shelf	
100mL	Shelf	
250mL	Shelf	
1L	Shelf	sigma
1g	Shelf	
5g	Shelf	
5g	Shelf	
25g	Shelf	
100g	Shelf	
5g	Shelf	
10g	Shelf	
5g	Shelf	
250	Shelf	
250g	Shelf	
25g	Shelf	
5g	Shelf	
10g	Shelf	
10g	Shelf	
10g	Shelf	
100g	Shelf	

5g	Shelf	
100g	Shelf	
1kg	Shelf	
250g	Shelf	
100g	Shelf	
10g	Shelf	
10g	Shelf	
1kg	Shelf	
1000g	Shelf	
10g	Shelf	
500g	Shelf	
5g	Shelf	
100g	Shelf	
1g	Shelf	
10g	Shelf	
100g	Shelf	
500g	Shelf	
25g	Shelf	
100g	Shelf	
500g	Shelf	
500g	Shelf	
500g	Shelf	
100g	Shelf	
25mg	Shelf	
500g	Shelf	
500g	Shelf	
0.5g	Shelf	
5g	Shelf	
5g	Shelf	sigma
5g	Shelf	
5g	Shelf	
500gm	Shelf	
500g	Shelf	
5g	Shelf	
500mg	Shelf	
100g	Shelf	
100g	Shelf	
500g	Shelf	
500g	Shelf	
100g	Shelf	
100g	Shelf	
1lb	Shelf	
500g	Shelf	
100g	Shelf	
5g	Shelf	
100g	Shelf	sigma
25g	Shelf	
0.5g	Shelf	sigma
5g	Shelf	
1g	Shelf	
100g	Shelf	
500mL	Shelf	
250g	Shelf	
25g	Shelf	
25g	Shelf	sigma

500g	Shelf	
10g	Shelf	
5g	Shelf	
1kg	Shelf	
5g	Shelf	
500mg	Shelf	
1qt	Shelf	
100g	Shelf	
5g	Shelf	
10g	Shelf	
250g	Shelf	
500mL	Shelf	
5g	Shelf	
25g	Shelf	
250g	shelf	sigma
10g	Shelf	
25g	Shelf	
100g	Shelf	
250g	Shelf	
250g	Shelf	sigma
100g	Shelf	
25g	Shelf	
500g	Shelf	
500g	Shelf	
500mg	Shelf	
500g	Shelf	
500g	Shelf	
500g	Shelf	
500g	Shelf	
100g	Shelf	
500g	Shelf	
500g	Shelf	
25g	Shelf	
25g	Shelf	
100g	Shelf	
5g	Shelf	
1g	Shelf	sigma
100mL	Shelf	
1g	Shelf	
5g	Shelf	
100g	Shelf	
500g	Shelf	
500g	Shelf	
2g	Shelf	
50g	Shelf	
100g	Shelf	
500g	Shelf	
500g	Shelf	
500g	Shelf	
500g	Shelf	
100g	Shelf	
500g	Shelf	
500g	Shelf	
2@25g	Shelf	

500g	Shelf	
500g	Shelf	
100g	Shelf	
25g	Shelf	
100g	Shelf	
1g	Shelf	
25g	Shelf	
5g	Shelf	
1g	Shelf	
5g	Shelf	
10g	Shelf	
5lb	Shelf	
5g	Shelf	
25g	Shelf	
25g	Shelf	
100g	Shelf	
50g	Shelf	
	Shelf	
100g	Shelf	
250mg	Shelf	
500gm	Shelf	
100g	Shelf	
5g	Shelf	
100g	Shelf	
500mL	Sink Acid	Mall.
500mL	Sink Acid	Mall.
500mL	Sink Acid	Mall.
500mL	Sink Acid	Mall.
25mL	Sink Acid	Baker
500g	Sink Acid	Baker
2@15mL	Sink Acid	Fisher
2@500mL	Sink Acid	Mall.
500mL	Sink Acid	Fisher
500g	Sink Acid	Baker
1L	Sink D	
10g		
50mL		Aldrich
25mL		Aldrich
100g		Aldrich
		sigma
300g		
25mL		Aldrich