

CCS G.0510A Chemical Inventory Product Name	Amount	Purchase Date	Manufacturer Name	Catalog Number	CAS No	H	NFPA F	Rating R	S	MSDS Y/N
37.5% Actylamide/ bisactylamide	60,60,70,5 mL	2007	EMD	1490	79-06-1	2	1	0		Online
absolute ethanol										Online
acetic acid ACS	2.5 L X2	2009	sigma aldrich	695092-2.5L	64-19-7	3	2	0		Online
acetic acid	1.5 L	2007	VWR	BDH3098	64-19-7	3	2			Online
acetone	500 mL	2009	EMD	AX125-6	67-64-1	1	3	0		Online
acetone	500 mL	2009	EMD	AX0125-6	67-64-1	1	3	0		Online
acetone	100 mL	2007	VWR	BDH1101-1LP	67-64-1	1	3	0		Online
acetonitrile	350 mL	2007	alfa aesar	A19862 or L13194	75-05-8	flammable				Online
acrylamide	100 mL	2009	sigma aldrich	A4058-100ML						Online
adenine hemisulfate	25g	2009	sigma aldrich	A9126-25G	321-30-2					Online
Adenosine 5'-triphosphate disodium salt hydrate, approx	100 g	2007	fluka analytical-	02060 100 g	987-65-5					Online
Adenosine 5'-triphosphate disodium salt hydrate, approx	2 g	2007	sigma aldrich	A26209-10G	34369-07-8					Online
Adenosine 5'-(β, γ-imodo) triphosphate tetralitium salt hydrate, approx 95% HPLC	1mg	2009	sigma aldrich	A2647-25MG	7295777					Online
agarose high melting point	100g	2007	EMD	2120	9012-36-6	2	0	2	oxy	Online
agarose low melting point	25g	2009	sigma aldrich	A9414-25G	39346-81-1					Online
agarose type VII	25g	2009	sigma aldrich	A9045-25G	39346-81-1					Online
L-alanine	100 g	2007	sigma aldrich	A7627-100G	56-41-7					Online
Albumin from human serum	1 g	2009	sigma aldrich	A8763-1G	70024-90-7					Online
aluminum chloride hexahydrate	1Kg	2009	EMD	AX0675-2	7784-13-6					Online
ammonium acetate sigmaUltra	450g	2007	sigma aldrich	A7330-500G	631-61-8					Online
ammonium chloride	1Kg	2009	sigma aldrich	A9434-1KG	12125-02-9					Online
ammonium hydroxide 28% NH3 in H2O	100 ml	2009	sigma aldrich	338818-100ML	1336-21-6					Online
ammonium persulfate	25g	2007	EMD	2300	7727-54-0	0	1	0		Online
ammonium sulfate	1Kg	2007	sigma aldrich	A4418-1KG	7783-20-2					Online
ampicillin	100g x2	2007	sigma aldrich	A9518-100G	69-52-3					Online
anhydrous sodium thiosulfate										Online
L-arabinose	100g	2009	sigma aldrich	A91906-100G	5328-37-0					Online
L-arginine monohydrochloride	100 g	2007	sigma aldrich	A5131-100G	1119-34-2					Online
L-asparagine minimum 98% TLC	100 g	2007	sigma aldrich	A0884-100G	70-47-3					Online
L-Aspartic acid 98+%	100 g	2007	sigma aldrich	A93100-100G	56-84-8					Online
bacteriological Agar										Online
BCA protein assay reagent A	250g	2009	sigma aldrich	A5306-250G	9002-18-0					Online
BES	3.75L	2009	Thermal Scientific	23222	IL118390					Online
bicine	250g	2009	sigma aldrich	89879-250G	10191-18-1					Online
bionic buffer 10X (for DNA fast gels)	100g x2	2009	sigma aldrich	B3876-100G	150-25-4					Online
boric acid	2L	2007	sigma aldrich	B6185-4L						Online
bromphenol blue	1Kg	2009	sigma aldrich	B6768-1KG	10043-35-3					Online
butane		2007	MP Biomedicals							Online
1-Butanol	60g	2009	bernzomatic							Online
cadmium chloride	250 mL	2007	sigma aldrich	87906-500ML	71-36-3					Online
calcium chloride	100g	2009	sigma aldrich	655198-100G	10108-64-2					Online
Calcium Chloride, minimum 93.0%, granular, anhydrous	1KG	2009	Sigma Life Science	C8106-1KG	10035-04-8					Online
calcium chloride dihydrate	500g	2008	Sigma Aldrich	C1016-500G	10043-52-4					Online
cesium chloride	1Kg	2009	VWR		10035-04-8					Online
cesium chloride	250g x 2	2009	fluka analytical	2316002	20966					Online
CHES, minimum 99% titration	1 Kg	2009	sigma aldrich	C4036-1KG	7647-17-8					Online
chloramphenicol	100g	2009	sigma aldrich	C2885-100G	103-47-9					Online
chloroquine diphosphate salt	5g, 25 g(frozen)	2009	sigma aldrich	C0378-25G	56-75-7					Online
Chloroform, Anhydrous	25g	2009	sigma aldrich	C6628-25G	50-63-5					Online
chloroform, >99%, contains amynes as stabilizer	1 L	2007	sigma aldrich	372978-1L	67-66-3					Online
Citric Acid, 99.5+%, ACS reagent	500mL x 3	2009	sigma aldrich	C2432-500ML	67-66-3					Online
coomassie brilliant blue	500g	2009	sigma aldrich	251275-500G	77-92-9					Online
cupric chloride, dihydrate crystal	25g	2007	MP biomedicals	821616	9159f	1	1	0		Online
L-Cysteine	500g	2009	J.T. Baker	1792-01	10125-13-0	2	0	0	1	Online
Curcumin 98%	100 g	2009	SAFC	W326305-100G	52-90-4					Online
dextrose, anhydrous	5 g	2007	Acros Organics	Z18580100	45887-7					Online
dimethyl sulfoxide for molecular biology, >=99.9%	500g	2009	EMD	DX0145-1	50-99-7	0	0	0		Online
N,N-dimethylformamide, for molecular bio, minimum 99%	250mL	2009	sigma aldrich	D8418-250ML	67-68-5					Online
1,4-Dioxane	500mL	2009	sigma aldrich	D4551-500ML	68-12-2					Online
DL-Dithiothreitol	500 mL	2007	sigma aldrich	360481-500ML	123-91-1					Online
Ethyl alcohol 70% denatured alcohol 30% water blend	5 g X 2	2007	sigma aldrich	43815 5g	3483-12dash3					Online
Ethanol anhydrous 200 proof 99.5+%	3 L	2007	EMD	EX0281-1	64-17-5					Online
ethidium bromide	1 L X3	2009	sigma aldrich	459836-1L	64-17-5	1	3	0		Online
ethylenediaminetetraacetic acid, annhydrous, sigma grade, approx 99% titration	5g	2009	VWR	VW1475-01		3	0	0		Online
ethylenediaminetetraacetic acid	1Kg x2	2009	sigma aldrich	ED5-1KG	60-00-4					Online
ethylene glycol-bis(2-aminoethylether)-N,N,N',N'-tetraacetic acid	500g	2009	EMD	4005-500G	60-00-4	2	0	0		Online
fast blast DNA stain	25g	2009	sigma aldrich	E3889-25G	67-42-5					Online
ficoll 400, type 400-dl	100mL	2009	bio-rad laboratories, Inc.	166-0420						Online
formaldehyde solution, for molecular biology, 36.5%	25g x2	2009	sigma aldrich	F9378-25G	26873-85-8					Online
formaldehyde solution	500mL	2009	sigma aldrich	F8775-500ML	50-00-0					Online
formamide	1L	2009	VWR	BDH0500-1LP	50-00-0					Online
formic acid	250mL	2009	fluka analytical	47671	2008420					Online
formvar in EtCl2	500mL	2009	sigma aldrich	F0507-500ML	64-18-6					Online
L-Glutamic acid	100mL x2	2009	sigma aldrich	1399454	9823					Online
L-Glutamine	100 g	2007	sigma aldrich	G1251-100G	56-86-0					Online
glutaric dialdehyde	100 g	2007	sigma aldrich	G3126-100G	56-85-9					Online
glycerine for electrophoresis	25mL	2009	sigma aldrich	340855-25ML	203-856-5					Online
glycerol	1Kg	2009	sigma aldrich	G8898-1KG	56-40-6					Online
glycerol, for molecular biology, minimum 99%	1L, .3L	2009	VWR	BDH1172-1LP	56-81-5	1	1	0		Online
D-(+)- glucose, sigma ultra, 99.5% GC	1L x3	2009	sigma aldrich	G5516-1L	56-81-5	1	1	0		Online
Halt Protease Inhibitor Cocktail Kit	1Kg	2009	sigma aldrich	G7528-1KG	50-99-7					Online
HEPES >99.5%	2 mL X 2	2007	Pierce	78410						Online
HEPES , free acid, for molecular biology	1Kg	2009	sigma aldrich	H4034-1KG	7365-45-9	1	0	0		Online
L-Histidine dihydrochloride	450g	2009	EMD	5320-500G	7365-45-10	1	0	0		Online
Hydrochloric acid 37% A.C.S	10 g	2007	fluka analytical-	53340	2/7/6027					Online
Hydrochloric acid 37% A.C.S	350 mL	2007	sigma aldrich	320331-500ML	7647-01-0	3	0	1		Online
imidazole	2.5 L	2009	sigma aldrich	320331-2.5L	7647-01-0	3	0	1		Online
L-Isoleucine	500g	2009	EMD	IX0005-1-500G	288-32-4					Online
isopropyl-B-D-1-thiogalactopyranoside	25 g	2007	sigma aldrich	I2752-25G	73-32-5					Online
kanamycin sulfate from Streptomyces kanamyceticus, animal component free	5 g X 2	2007	sigma aldrich	I6758-10G	367-93-1					Online
kanamycin sulfate from Streptomyces kanamyceticus, animal component free	25g	2009	sigma aldrich	K4000-25G	25389-94-0					Online
B-lactoglobulin From bovine milk	5g	2009	sigma aldrich	K4000-5G	25389-94-1					Online
LB Agar	1 g	2007	sigma aldrich	L3908-1G	9045-23-2					Online
LB Agar MILLER	750 g	2007	sigma aldrich	L2897-1KG						Online
LB Broth EZMix	500 g	2007	EMD	1.10283.0500						Online
L-Leucine	1 Kg X4	2009	sigma aldrich	L7658-1KG						Online
L-Lysine monohydrochloride	50 g	2007	sigma aldrich	L8000-50G	61-90-5					Online
Magnesium acetate tetrahydrate	100 g	2007	sigma aldrich	L5626-100G	657-27-2					Online
magnesium chloride hexahydrate	50 g	2007	Sigma Aldrich	M5661-50G	16674-78-5					Online
magnesium chloride hexahydrate, sigmaultra	1g	2009	EMD	MX0045-41KG	7791-18-5					Online
magnesium sulfate, anhydrous, powder	1Kg x2	2009	sigma aldrich	M2670-1KG	7791-18-6					Online
magnesium sulfate heptahydrate, 98+%, ACS reagent	500g	2009	malinkrodt chemicals	6070-12	7487-88-9	1	0	0		Online
manganese (II) chloride, anhydrous beads	1Kg	2009	sigma aldrich	Z30391-1KG	10034-99-8					Online
2-mercaptoethanol	25g	2009	sigma aldrich	450995-25G	7773dash01-5					Online
2-mercaptoethanol	100mL	2009	EMD	6010	60-24-2	2	2	0		Online

MES, low moisture content	250 mL	2009	sigma aldrich	M3148-250ML	60-24-2	2	2	0	Online
MES, low moisture content	250g	2009	sigma aldrich	MS3671-50G	4432-31-9				Online
methanol	50g	2009	sigma aldrich	MS3671-250G	4432-31-10				Online
methanol	.1L	2009	VWR	BDH1135-1LP	67-56-1	1	3	0	Online
2-methyl-2, 4-pentenediol, 99+%	1 L	2009	VWR	BDH1135-1LP	67-56-1	1	3	0	Online
MOPS, minimum 99.5% titration	50g	2009	aldrich chemical company	23.955-0	107-41-5				Online
myo-inositol	250g	2009	sigma aldrich	M1254-250G	1132-61-2	irritant			Online
nickel (II) sulfate, anhydrous, 99.9% metals basis	100 g	2007	sigma aldrich	I5125-100G	87-89-8				Online
NP-40 alternative	40g	2009	sigma aldrich	656895-50G	7786-81-4	harmful			Online
paraffin oil 100%	500mL	2009	calbiochem	492016	9016-45-9	irritant			Online
PEG 20000 20% (w/v) soln	1L	2007	hampton research	HR3-421	8042-47-5				Online
pepsin from porcine gastric mucosa	100 mL	2009	fluka analytical- sigma aldrich	80105					Online
Peptone From meat	100 g	2007	sigma aldrich	P7000-100G	9001-75-6	harmful			Online
perchloric acid 70%	1 Kg	2009	Merck	1.07214.1000	VMS28014				Online
Y-Per yeast protein extraction reagent	100mL	2009	sigma aldrich	77230	7601-90-3	3	0	3	ox Online
L-Phenylalanine	500mL	2007	Pierce	HK109724	78990	2	0	0	Online
phenylmethanesulfonyl flouride (pmsf)	100 g	2007	sigma aldrich	P2126-100G	63-91-2				Online
phenylmethanesulfonyl flouride (pmsf)	15g	2007	sigma aldrich	P7626-25G	329-98-6	toxic			Online
phenyl red, .04% W/V aq	25g	2007	calbiochem	52332	329-98-6				Online
phosphoric acid, crystals,	4oz	2007	analytical scientific company	670001	5071949	1	0	0	B Online
phosphotungstic acid	90g, 100g (2)	2009	sigma aldrich	466123-100G	7664-38-2	corrosive			Online
pluronic F-68	250mL	2009	sigma aldrich	HT152-250ML	118K4348	corrosive			Online
polyethylene glycol 400	500g	2009	sigma aldrich	P1300-500G	9003dash11-6				Online
polyethylene glycol 1000	450g	2007	alfa aesar	B21992 or L13742	25322-68-3	0	1	0	Online
polyethylene glycol 2000	1000g	2007	alfa aesar	B22134 or L04439	25322-68-3	0	1	0	Online
polyethylene glycol 3000	1Kg	2007	fluka analytical- sigma aldrich	81221	25322-68-3				Online
polyethylene glycol 4000	1Kg	2007	fluka analytical- sigma aldrich	81230	25322-68-3				Online
polyethylene glycol 8000	600g	2007	mallinckrodt chemicals	H273-61	25322-68-3				Online
polyethylene glycol 6000	5Kg	2007	EMD	8.17007.5000	25322-68-3	0	1	0	Online
polysorbate 20	750g	2007	mallinckrodt chemicals	7755-61	25322-68-3				Online
potassium acetate	500mL	2009	VWR	VW1521-07	9005-64-5	1	0	0	Online
potassium acetate	1Kg	2009	sigma aldrich	P1190-1KG	127-08-2	1	0	0	Online
potassium chloride	500g	2007	VWR	BDH0254-500G	127-08-2	1	0	0	Online
potassium ferricyanide	500g x4	2007	VWR	BDH0258-500G	7447-40-7	2	1	0	Online
potassium hydroxide	250g	2007	EMD	PX1455-2	13746-66-2	3	0	0	Online
potassium phosphate dibasic	1Kg	2009	sigma aldrich	484016-1KG	1310-58-3	3	0	1	Online
potassium phosphate dibasic	500g	2009	sigma aldrich	P2222-500G	7758dash11-4	1	0	0	Online
potassium phosphate monobasic, >=99.0%	500g	2007	VWR	BDH0266-500G	7758dash11-4	1	0	0	Online
potassium phosphate monobasic	500g	2009	sigma aldrich	P5655-500G	7778-77-0	1	0	0	Online
L-Proline	500g	2007	VWR	BDH0268-500G	7778-77-1	1	0	0	Online
2-Propanol	100 g	2007	sigma aldrich	P0380-100G	147-85-3				Online
rain-x	400 & 200 mL	2007	sigma aldrich	I9516-500ML	67-63-0	irritant			Online
rubidium chloride, 99.99% metal basis	3.5oz x2	2009	sopus products	BCRX11112					Online
Sarcosine	10g	2009	sigma aldrich	204250-10G	7791dash11-9	1	0	0	Online
L-serine	80g	2007	sigma aldrich	S7672-100G	107-97-1				Online
Silver Nitrate	100 g	2007	sigma aldrich	S4500-100G	56-45-1				Online
sodium acetate, anhydrous	30g	2007	EMD	SX0205-3	7761-88-8	1	0	0	Online
sodium acetate, reagentplus, 99%	500g	2007	mallinckrodt chemicals	7372-12	127-09-3	1	1	0	Online
sodium azide	1Kg	2009	sigma aldrich	110191-1KG	127-09-3	1	1	0	Online
sodium bicarbonate	100g	2009	mallinckrodt chemicals	1953-57	26628-22-8	4	0	4	Online
sodium cacodylate trihydrate sigmaUltra	1Kg	2009	sigma aldrich	S5761-1KG	144-55-8	1	0	0	Online
sodium carbonate	25 g	2007	sigma aldrich	C4945-25G	6131-99-3	corrosive			Online
sodium carbonate, anhydrous	1Kg	2009	sigma aldrich	S7795-1KG	497-19-8	1	0	1	Online
Sodium Chloride sigmaultra	500g	2007	VWR	BDH0284-500G	497-19-8	1	0	0	Online
sodium citrate	1.5 Kg & 5Kg	2007	sigma aldrich	S7653-5KG	7647-14-5				Online
sodium citrate tribasic dihydrate, ACS reagent, >=99.0%	1Kg	2009	sigma aldrich	S1804-1KG	6132dash04-3	1	0	0	Online
sodium dodecyl sulfate	500g	2009	sigma aldrich	S4642-500G	6132dash04-3	1	0	0	Online
sodium dodecyl sulfate, for molecular biology, approx. 99%	500g	2007	EMD	7910	151-21-3	1	3	0	Online
sodium hydroxide	500g	2009	sigma aldrich	L4390-500G	151-21-3	1	3	0	Online
sodium hydroxide, sigmaultra, minimum 98%	2.5Kg	2007	EMD	SX0590-3	1310-73-2	3	0	1	Online
sodium molybdate	1Kg	2009	sigma aldrich	S8045-1KG	1310-73-2	3	0	1	Online
sodium phosphate monobasic, sigmaultra, minimum 99.0%	3.2g	2009	in culture tube			2	0	0	Online
Sodium Thiosulfate, Anhydrous	500g	2009	sigma aldrich	L4390-500G	151-21-3	1	0	0	Online
Sorbitol	500g	2007	EMD	SX0820-1	7772-98-7	2	0	0	Online
Streptomycin sulfate	500gX2	2007	EMD	SX0850-3	50-70-4	0	1	0	Online
succinic acid	100 g X 5	2007	sigma aldrich	S9137-100G	3810-74-0	harmful			Online
Sucrose	500g	2009	sigma aldrich	S7501-500G	110-15-6	2	1	0	Online
Sucrose	500g X2	2007	EMD	SX1075-1	57-50-1	1	1	0	Online
Sulfuric acid 99.999%	1 Kg	2009	fluka analytical- sigma aldrich	84097	57-50-1	1	1	0	Online
TEMED	500 mL	2009	sigma aldrich	339741-500ML	7664-93-9	3	0	2	Online
tert-Butanol anhydrous	25 mL	2007	J.T. Baker	C25436	4098-01				Online
L-Threonine	100 mL	2009	sigma aldrich	471712-100ML	75-65-0	harmful			Online
Trichloroacetic acid, sigmaUltra	100 g	2007	sigma aldrich	T8625-100G	72-19-5				Online
Triton X-100	500 g	2007	sigma aldrich	T9159-500G	76-03-9				Online
Triton X-100 Surfactant	500 mL	2009	sigma aldrich	X100-500ML	9002-93-1	2	1	0	Online
Trizma base	1 L	2007	EMD	9410	9002-93-1	2	1	0	Online
Bacto Tryptone	1 Kg X2 Full and 10%	2007	sigma aldrich	T1503-1KG	77-86-1	irritant			Online
Bacto Tryptic Soy Broth	210 g	2007	VWR	Z116992KG	2013dash31-1				Online
Tryptone	200 g	2007	BD	Z11825	2013-03dash31				Online
Tryptone water	850 g	2007	fluka analytical- sigma aldrich	T7293-1KG					Online
L-Tryptophan	30 g	2007	Merck	1.10859.0500	VW349259				Online
Tween 20	25 g	2007	sigma aldrich	T0254-25G	73-22-3				Online
L-Tyrosine	100 mL X2	2009	sigma aldrich	P9416-100ML	9005-64-5				Online
Uracil	50 g	2007	sigma aldrich	T3754-50G	60-18-4				Online
Uranyl Acetate	100 g	2007	sigma aldrich	U0750-100G	66-22-8				Online
Urea	25 g	2007	Electron Microscopy Sciences	22400	541-09-3	2	1	0	Online
L-Valine	500 g X2	2007	EMD	9510	57-13-6	2	0	0	Online
Yeast Extract	25 g	2007	sigma aldrich	V0500-25G	72-18-4				Online
Yeast Extract Hy-Yeast 412	4.5 Kg	2007	EMD	1.03753.5007					Online
Difco 2xYT (Yeast Extract Tryptone) Medium	1 Kg X 3	2009	sigma aldrich	Y1001-1KG					Online
Yeast Nitrogen Base without amino acids	0	2007	BD	Z44020	7/31/2012				Online
Xylene Cyanol FF	250 g	2007	sigma aldrich	Y0626-250G					Online
Zinc Chloride	10 g	2007	sigma aldrich	X4126-10G	2650-17-1	irritant			Online
	50 g	2009	sigma aldrich	Z29997-50G	7646-85-7	corrosive			Online