

Chemical list

updated on 3/22/2004

name	firm	number	location	quantity		danger	CAS-Nr.	Formula	R	S
				in ml	in g					
Acetic Acid	Sigma	A-6283	2.2	100		C	64-19-7			
Adenosine-S-triphosphate	Roche Diagn.	519987	fd 1		5					
Albumin Bovine	Sigma	A-3059	fd1		10	Xn	9048-46-8	B4Na2O7	22	
Albumin Bovine	Sigma	A-3059	fd1		10	Xn	9048-46-8	B4Na2O7	22	
Albumin Bovine	Sigma	A-7638	fd1		1	Xn	9048-46-9	B4Na2O7	22	
Albumin Bovine	Sigma	A-7030	fd1		10		9048-46-8		22	
Ammoniak* 25%			2.1	200		C	1336-21-6	NH3	34,37	7,26,45
Ammonium chloride	Fluka	9718	1.3			X	12125-02-9	ClH4N		
Ammonium Hydroxide	Sigma	A-6899	2.2	500		C	1336-21-6	NH4OH	34,50	26-36/37/39-45-61
Ammonium molybdate Tetrahydrate	Fluka	9880	1.3		100	Xi	12054-85-2	H ₂₄ Mo ₇ N ₆ O ₂₄ *4H ₂ O	36/37/38-52/53	26-36-61
AntifadeKit(SlowFade Antifadekit)	Molecular Probes	S-2828	4							
AntifadeKit(SlowFadeLight Antifadekit)	Molecular Probes	S-7461	4							
Avidin	Sigma	A-9257	fd 1		2m		1405-69-2			22-24/25
Barium chloride	Fisher		1.3		500	T		BaCl2*2H2O		
Benzene (Benzol)	Fluka	12553	2.1	250m		T F	71-43-2	C6H6	45-11-48/23/24/25	53.1-45
Bicine	Fluka	14872	1.3		50m		150-25-4	C6H13NO4		
BioBeads Streptavidin	Merck	1.08853	fd1	2						
Borax	Sigma	B-9876	1.3		500	Xn	1330-43-4	B4Na2O7	22	
Bromcresol Purple	Sigma	B-5880	1.3		5	Xi	115-40-2	C21H16Br2O5S	10	16
Bromdodecan	Fluka	16970	2.1	250		Xi	143-15-7	C12H25Br	36/37/38	26-36
Cadmium chloride	Aldrich		1.3		50					
Calcium carbonate	Fluka	21060	1.4				471-34-1	CaCO3		
Calcium chloride	Sigma	C-5080	1.4		500	Xi	10035-04-8	CaCl2*2H2O	36	23-24
Calcium chloride	Fluka		1.4		1000			CaCl2 * 2H2O		
Calcium chloride	Aldrich		1.4		1000			h24N2		
Calcium hydroxide	Aldrich	450146-56	1.4		1000		1305-62-0	Ca(OH)2		
Calcium oxide	Aldrich	208159	1.4		100		1305-78-8	CaO		
Calcium Standard concentrate	Fluka	2672	fd 1		1		10043-52-6	Ca		
Calcium Standard Solution 0.01	Fluka	21071	fd 1	100			10043-52-5	Ca		
Calcium Standard Solution 0.1	Fluka	21059	fd 1	250			10043-52-4	Ca		
Carboxyfluorescein	Fluka	21877	1.3		1			C21H12O7		
Casein	Sigma		1.3		1000		9000-71-9			
Cesium chloride	Merck	2041	d		25	Xn	7647-17-8	CsCl	40	36/37
Ches	Sigma	C-2885	1.3		25	Xi	103-47-9	C8H17NO3S		
Chrom(III)-chloride	Aldrich		1.3			Xn Xi		(Cr(H2O)4Cl2)Cl*2H2O		
Chromium(III)chloride	Sigma	C-1896	1.3		100	T+		CrCl3*6H2O		
Chromosulfuric acid	Fluka	27174	3	800		O T C N	65272-71-1	CrO3	45-8-25-35-43	53-28.1-44
Copper(II)chloride anhydrous	RdH	12826	d		250	Xn	7447-39-4	CuCl2	20/22-36	26
Cyclodextrin	Serva	17665	1.3					(C6H10O5)6		
Cysteamine	Fluka	30070	fd1		10		60-23-1	NH2CH2CH2SH	22-36/37/38	26-36
Decane	Fluka	30550	2.1	100		Xi	124-18-5	CH3(CH2)8CH3	10-36/37/38	26-36
Deuterium oxide	Merck	1.13366	2.1	100			7789-20-0	D2O		
Dimethyl sulfoxide	Sigma	154938	2.1		100		67-68-5			
Dimethylformamid	Sigma	D-4254	2.2	500		T F	68-12-2	C3H7NO	61-20/21-36	53-45

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Dimethylformamid	Sigma	D-4254	2.2	500		T F	68-12-2	HCON(CH ₃) ₂	61-20/21-37	53-46
Dimethylpyridin (2,6-)	Merck	15776	2.1	25		Xn	108-48-5	C ₇ H ₉ N	10-20/21/22-36/37	16-26-36/37
Dimethylpyridin (2,6-)	Merck	15776	2.1	25		Xn	108-48-5	C ₇ H ₉ N	10-20/21/22-36/37	16-26-36/37
Dimethylpyridin (2,6-)	Merck	15776	2.1	25		Xn	108-48-5	C ₇ H ₉ N	10-20/21/22-36/37	16-26-36/37
Dithiothreit	Roth	6908.1	fd 1		5			C ₄ H ₁₀ O ₂ S ₂		
DMF* (Dimethylformamide hydrogen chloride)			2.1			Xi	3397-76-0	DMF-HCL	36/37/38	
DNA (alpha)	GIBCOBRL	25250-010			500µ					
Dodecan (n-Dodecan)	Merck	820543	2.1	100			112-40-3	CH ₃ (CH ₂) ₁₀ CH ₃		
Dodecyltrimethylammoniumbromide	Serva	20779	1.3		5	Xi	1119-94-4	C ₁₅ H ₃₄ BrN	36/37/38	26-36
Dothiothreitol	Sigma	D-9779	fd1		1		27565-41-9	C ₄ H ₁₀ O ₂ S ₂	36/37/38	26-36
Dynabeads Streptavidin	Dynal	112.16	fd1	0.4						
Ethylene glycol	Fluka	3750	2.1	250		Xn	107-21-1	HOCH ₂ CH ₂ OH		22
Ethylene glycol-bis-tetraacetic acid	Sigma	E-4378	1.2		25			C ₁₄ H ₂₄ N ₂ O ₁₀		
Ethylenediaminetetraacetic acid (EDTA)	Sigma	EDS	1.2		100	Xi	60-004	C ₁₀ H ₁₆ N ₂ O ₈	36-52/53	26-61
Ethylenediaminetetraacetic acid (EDTA)	Sigma	EDS	fd2		100	Xi	60-004	C ₁₀ H ₁₆ N ₂ O ₈	36-52/54	26-62
Ethylenediaminetetraacetic acid (EDTA)	Sigma	E-1644	1.3		100			C ₁₀ H ₁₄ N ₂ O ₈ Na ₂		
Europium(III) chloride hexahydrate	Aldrich	20,325-4	d		5		13759-92-7			
Fluorescein (sodium salt)	Sigma	F-6377	1.3		25		518-47-8	C ₂₀ H ₁₂ O ₅ Na ₂		22-24/25
Fructose (D-)	Sigma	F-0127	1.1		100		57-48-7	C ₆ H ₁₂ O ₆		22-24/25
Fructose (D-)	Merck	1.04007	1.1		250		57-48-7	C ₆ H ₁₂ O ₆		22-24/25
Gadolinium (III) chloride	Sigma	G-7532	d		5	X	13450-84-5	GdCl ₃ *6H ₂ O		
Galactose	Fluka	48260	1.1		100		59-23-4	C ₆ H ₁₂ O ₆		
Gallium	Aldrich	26.327-3	2.2		50	Xi	7440-55-3	Ga	36/37/38	
Gallium	Aldrich	26.327-3	2.2		50	Xi	7440-55-3	Ga	36/37/38	
Glass Beads	Polysciences		1.3		1					
Glucose (D+)	Sigma	G-7528	1.1		200		492-62-6	C ₆ H ₁₂ O ₆		
Glucose (D+)	Fluka	49140	1.1		250		492-62-6	C ₆ H ₁₂ O ₆		
Glucose (D+)	Fluka	49140	1.1		250		492-62-6	C ₆ H ₁₂ O ₆		
Glucose (D+)	Merck	1.08337	1.1		250		492-62-6	C ₆ H ₁₂ O ₆		
Glutardialdehyd	Roth	4157.1	fd 1		25	T+ N		C ₅ H ₈ O ₂		
Glycerin	Merck		2.1		100			C ₃ H ₈ O ₃		
Glycerol	Sigma	G-5516	2.1	100m		Xi	56-81-5	C ₃ H ₈ O ₃	36/38	
Glycerol anhydrous	Fluka	49769	2.1	250		Xi	56-81-5	C ₃ H ₈ O ₃	36/38	
Glycine	Sigma	G-7126	1.3		100			C ₂ H ₅ NO ₂		
Gold Chloride	Sigma	G-4022	fd1		1		16961-25-4	HAuCl ₄ *3H ₂ O	34-43	26-27-36/37/39
Gold Colloid	Sigma	G-1527	fd1	25			7440-57-5			
Hepes	Sigma	H-3375	1.3		100		7365-45-9	C ₈ H ₁₈ N ₂ O ₄ S	36/37/38	26-36
Hepes	Sigma	H-7637	1.3		25		103404-87-1	C ₈ H _{17.5} N ₂ O ₄ Na _{0.5}	36/37/38	26-36
Hydrochloric acid	Sigma	H-1758	2.1	500		C	7647-01-0	HCl	34-37	26-45
Hydrochloric acid	Riedel-de Häen	35328	2.2	1000		C	7647-01-0	HCl	34-37	26-45
Hydrochloric acid fuming 37%	Merck	314.1006	2.2	1000		C	7647-01-0	HCl	34-37	26-45
Hydrogen peroxide 30%	Fluka	35313	3	500		O C	7722-84-1	H ₂ O ₂	8-34	
Hydrogen peroxide 30%	Fluka	35313	3	500		O C	7722-84-1	H ₂ O ₂	8-34	
Imidazole	Merck		1.3		250	C		C ₃ H ₄ N ₂		
Indium(III) chloride tetrahydrate	Aldrich		d		50		22519-64-8			
Inositol (myo-)	Sigma	I-5125	1.3		100		87-89-8	C ₆ H ₁₂ O ₆		

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Inositol (myo-)	Sigma	I-5125	1.3		100		87-89-8	C6H12O6		
Lanthanum chloride	Sigma	L-4131	1.2		25	X	10025-84-0	LaCl3*7H2O		
Laurin acid	Fluka	6160	1.3							
Lead(II) chloride	Aldrich	203572	fd 1		10					
Lithium chloride anhydrous	Fluka	62477	d		100	Xn	7447-41-8	LiCl	22-36/37/38	26-36
Magnesium chloride	Sigma	M-1028	fd 1	100		Xi	7791-18-6	MgCl2	36/37/38	26-28
Magnesium fluoride 98%	Aldrich	20.831-0	1.3		500	Xi	7783-40-6	MgF2	36/37/38	26-36
Magnesium Ion Standard Solution 0.01M	Fluka	63031	fd 1	100				Mg		
Magnesium Ion Standard Solution 0.1M	Fluka	63042	fd 1	100				Mg		
Maltose	Sigma	M-5885	1.1		100		6363-53-7	C12H22O11*H2O		
Manganese chloride	Sigma	M-3634	d		100	Xn	13446-34-9	MnCl2*4 H2O	20/21/22-36/37/38	26-27-36/37/39
Manganese chloride	Aldrich	24,458-9	fd 1		10					
Mercaptopropyl-trimethoxysilan 3-	Fluka	63800	fd1	100		Xn, N	4420-74-0	C6H16O3SSi	22-43-51/53	24/25-36/37-61
MES	Sigma	M-8250	1.3		25	Xi	4432-31-9	C6H13NO4S*H2O	36/37/38	26-36
Methylumbelliferone	Sigma	M-1381	1.3		25	Xi	90-33-5	C10H8O3	36/37/38	26-36
MOPS	Sigma	M-9381	1.3		25		71119-22-7	C7H14NO4SNa		
Nickel(II)chlorid	Fluka	72244	d		50	T	7718-54-9	NiCl2	25-43	53-24-37-45
Octamethylcyclotetrasiloxan	Fluka	74811	2.1	100		Xn	556-67-2	C8H24O4Si4	21/22	36/37
Oleic acid	Fluka	75090	fd 1	5			112-80-1	C18H34O2		
Paraffinöl	Roth	8904.1	4							
Perchloric acid 70%	Fluka	77231	2.2	1000		O C	7601-90-3	HClO4	5-8-35	23-26-36-45
Perfluormethylcyclohexan	Fluka	77280	2.1	25			355-02-2	C6F11CF3		23-24/25
Perfluormethylcyclohexan	Fluka	77280	2.1	25			355-02-2	C6F11CF3		23-24/25
Perfluormethylcyclohexan	Fluka	77280	2.1	25			355-02-2	C6F11CF3		23-24/25
Perfluormethylcyclohexan	Fluka	77280	2.1	25			355-02-2	C6F11CF3		23-24/25
PerfluoroMethylcyclohexane	PCR	12120-2	2.1		100	Xi				
Phosphate Buffer	Aldrich		1.3							
Phosphate Buffered Saline Tablets	Sigma	P-4417	1.3			Xi	9004-99-3			
Phosphateidylinositol	Sigma	P-9763	fd 1		1m					
Pipes	Sigma	P-6757	1.3		100		5625-37-6	C8H18N2O6S2		
Poly(acrylic acid)	Aldrich	523925	2.1	100		C				
Poly(acrylic acid)	Aldrich	19,203-1	2.1	200		X				
Polydimethylsiloxane	Petrarch	PS048	2.1				9016-00-6			24/25
Polyethylene Glycol 1000	Sigma	P-3515	1.2		500		25322-68-3	H(OCH2CH2)nOH		
Polyethylene Glycol 3350	Sigma	P-3640	1.2		500		25322-68-3	H(OCH2CH2)nOH		
Polyethylene Glycol 400	Sigma	P-3265	2.1		500		25322-68-3	H(OCH2CH2)nOH		
Polyethylenglycol 20000	Merck	9732	1.2		100		25322-68-3	H(OCH2CH2)nOH		
Polyethylenglycol 4000	Merck	9727	1.2		100		25322-68-3	H(OCH2CH2)nOH		
Polyethylenglycol 6000	Merck	12033	1.2		100		25322-68-3	H(OCH2CH2)nOH		
Polymethacrylic acid	Polysciences	578	1.3		10	Xi	25087-26-7			
Polyoxyethylene 10 Cetyl Ether	Sigma	P-5759	1.2		100		9004-95-9	C16E10		
Polyoxyethylene 10 Stearyl Ether	Sigma	P-5516	1.2		100	Xi	9005-00-9	C18E10		
Polyoxyethylene 100-Stearyl Ether	Sigma	P-3815	1.2		250		9005-00-9	C18E100		
Polyoxyethylene 10-Lauryl Ether	Sigma	P-9769	1.2		100		6540-99-4	C12E10		
Polyoxyethylene 10-Tridecyl Ether	Sigma	P-2393	2.1		100		24938-91-8	C13E10		
Polyoxyethylene 20-Stearyl Ether	Sigma	P-4019	1.2		100	Xn	9005-00-9	C18E20		

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Polyoxyethylene 23 Lauryl Ether	Sigma	P-1254	1.2		100	Xi	9002-92-0	C12E23		
Polyoxyethylene 6 Stearyl Ether	Sigma	P-1176	1.2		less than 1	Xi	2420-29-3	C30H62O7	36	26-36
Polyoxyethylene 8 Lauryl Ether	Sigma	P-8925	1.2		less than 1	Xi	3055-98-9	C12E8	36/37/38-41	26-36
Polyoxyethylene 8 Stearyl Ether	Sigma	P-1426	1.2		less than 1	Xi	13149-87-6	C34H70O9	36	26-36
Polyoxyethylene 9-Lauryl Ether	Sigma	P-9641	2.3		100		3055-99-0	C12E9		
Polysodium 4-Styrenesulfonic	Aldrich		1.3		20		25704-181			
Potassium bromide	Sigma	P-0838	1.1		250	Xi	7758-02-3	KBr	36/37/38	26-36
Potassium chloride	Sigma	P-9541	1.1		500	Xi	7447-40-7	KCl	36/37/38	26-36
Potassium chloride	Fluka	60137	2.1	250			7447-40-7	ClK		
Potassium dihydrogen phopshate	Roth	3904.2	1.1		250			KH2PO4		
Potassium Ferricyanide	Sigma	P-3667	1.1		100	Xn	13746-66-2	K3Fe(CN)6	20/21/22	36
Potassium Ferrocyanide	Sigma	P-3289	1.1		100	Xn	14459-95-1	K4Fe(CN)6*3H2O		
Potassium hydroxide	Fluka	60370	1.1		250		1310-58-3	HKO		
Potassium Phosphate Dibasic	Sigma	P-8584	fd1	1000			167-88-57-1			
Potassium Phosphate Monobasic	Sigma	P-8709	fd1	1000			7778-77-0			22-24/25
Potassium Ion Standard Solution 0.1M	Fluka	60036	fd 1	100				K		
Propanol-2	Merck	1.09634.2500	4	2500		Xi,F		CH3CH(OH)CH3	11-36-67	7-16-24/25-26
Pyrene	Aldrich	18.551.5	1.3		25	Xi	129-00-0	C16H10	36/37/38	26-36
Raffinose (D+)	Fluka	83400	1.1		100		17629-30-0	C18H32O16.5H2O		
Raffinose (D+)	Fluka	83400	1.1		100		17629-30-0	C18H32O16.5H2O		
Raffinose (D+)	Fluka	83400	1.1		100		17629-30-0	C18H32O16.5H2O		
Raffinose (D+)	Fluka	83400	1.1		100		17629-30-0	C18H32O16.5H2O		
Rubidium bromide	Merck	7626	1.3		10		7789-39-1	RbBr		22-24/25
Sigmacote	Sigma	SL-2	fd1	25		Xi,F				
Sodium acetate trihydrate	Fluka	71188	1.1		250		6131-90-4	C2H3NaO2*3H2O		
Sodium azide	Aldrich	43.845-1	1.1		25		26628-22-8			
Sodium bicarbonate	Sigma	S-7277	1.1		250		144-55-8	NaHCO3		
Sodium carbonate	Fluka	71355	1.1		1000	X		Na2CO3		
Sodium chloride	Merck	1.06404	d		1000		7647-14-5	NaCl		
Sodium chloride	Sigma	S-5150	fd 1	1000			7647-14-5	NaCl		
Sodium chloride	Sigma	S-5150	fd 2	1000			7647-14-5	NaCl		
Sodium chloride	Sigma	S-9625	d		500	Xi	7647-14-5	NaCl		
Sodium chloride	Sigma	S-9625	1.2			X	7647-14-5	NaCl		
Sodium citrate	Sigma	S-4641	1.1		500		6132-04-3	C6H5Na3O7*2H2O		
Sodium cyanide	Fluka	71429	1.1		100	T+, N	143-33-9	NaCN	26/27/28-32-50/53	7-28-29-45-60-61
Sodium Dithionite	Riedel-de Häen	13551	1.1		500	X	7775-14-6	Na2S2O4		
Sodium hydroxide	Sigma	S-8045	1.1		500	C	1310-73-2	NaOH	35	26-37/39-45
Sodium hydroxide	Sigma	S-8045	1.1		500	C	1310-73-2	NaOH	35	26-37/39-45
Sodium hydroxide	Sigma	S-8045	1.1		500	C	1310-73-2	NaOH	35	26-37/39-45
Sodium hydroxide	Riedel-de Häen	35256	2.2	1000		C	1310-73-2	NaOH	35	26-37/39-45
Sodium hydroxide	Fluka	71690	1.1		1000	C	1310-73-2	NaOH	35	
Sodium hydroxide	Fluka	71686	2.2	1000			1310-73-2	HNaO		
Sodium iodide	Fluka	71710	d		100		7681-82-5	NaI		22-24/25
Sodium Ion Standard Solution 0.01	Fluka	71166	fd 1	100				Na		
Sodium Ion Standard Solution 0.1	Fluka	71169	fd 1	100				Na		
Sodium sulfate anhydrous	Fisher		1.1		500			Na2SO4*1.1		

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