

Description	CAS #	Chemical Formula	Concentration		Molarity	
			g/L	mg/L	mM	uM
Sodium Bicarbonate	144-55-8	NaHCO ₃	2.200	2.200E+03	26.187	2.619E+04
Thymidine	50-89-5	C ₁₀ H ₁₄ N ₂ O ₅	1.000E-02	10.000	4.128E-02	41.283
D-Glucose.H ₂ O	14431-43-7	C ₈ H ₁₂ O ₆ .H ₂ O	1.100	1.100E+03	5.551	5.551E+03
Phenol Red	34487-61-1	C ₁₉ H ₁₄ O ₅ S	1.100E-02	11.000	2.922E-02	29.224
Ultraglutamine I	39537-23-0	C ₈ H ₁₅ N ₃ O ₄	0.434	434.000	1.998	1.998E+03
Cytidine	65-46-3	C ₉ H ₁₃ N ₃ O ₅	1.000E-02	10.000	4.112E-02	41.118
Guanosine	118-00-3	C ₁₀ H ₁₃ N ₅ O ₅	1.000E-02	10.000	3.531E-02	35.311
2' Deoxyadenosine	16373-93-6	C ₁₀ H ₁₃ N ₅ O ₃ .H ₂ O	1.070E-02	10.700	3.974E-02	39.739
2'-Deoxycytidine, Hydrochloride	3992-42-5	C ₉ H ₁₃ N ₃ O ₄ .HCl	1.100E-02	11.000	4.172E-02	41.717
2'Deoxyguanosine.H ₂ O	961-07-9	C ₁₀ H ₁₃ N ₅ O ₄ .H ₂ O	1.067E-02	10.674	3.742E-02	37.418
Adenosine	58-61-7	C ₁₀ H ₁₃ N ₅ O ₄	1.000E-02	10.000	3.742E-02	37.420
Uridine	58-96-8	C ₉ H ₁₂ N ₂ O ₆	1.000E-02	10.000	4.095E-02	40.950
Potassium Chloride	7447-40-7	KCl	0.400	400.000	5.366	5.366E+03
Pyruvic Acid Sodium Salt	113-24-6	CH ₃ COCO ₂ Na	0.110	110.000	1.000	9.996E+02
L-Alanine	56-41-7	HO ₂ CCH(NH ₂)CH ₃	2.500E-02	25.000	0.281	280.615
L-Arginine Monohydrochloride	1119-34-2	C ₆ H ₁₄ N ₄ O ₂ • HCl	0.127	126.980	0.603	6.028E+02
L-Asparagine Monohydrate	5794-13-8	NH ₂ COCH ₂ CH(NH ₂)COOH • H ₂ O	0.050	50.000	0.333	333.045
L-Aspartic Acid	56-84-8	HO ₂ CCH(NH ₂)CH ₂ CO ₂ H	3.000E-02	30.000	0.225	225.394
Glycine	56-40-6	HO ₂ CCH ₂ NH ₂	0.050	50.000	0.666	6.660E+02
L-Glutamic Acid	56-86-0	C ₅ H ₉ NO ₄	0.075	75.000	0.510	5.099E+02
L-Histidine Monohydrochloride Monohydrate	5934-29-2	C ₆ H ₉ N ₃ O ₂ • HCl • H ₂ O	4.200E-02	42.000	0.200	200.382
L-Isoleucine	73-32-5	HO ₂ CCH(NH ₂)CH(CH ₃)CH ₂ CH ₃	0.052	52.000	0.396	396.432
L-Leucine	61-90-5	HO ₂ CCH(NH ₂)CH ₂ CH(CH ₃) ₂	0.052	52.000	0.396	396.432
L-Lysine Monohydrochloride	657-27-2	C ₆ H ₁₄ N ₂ O ₂ • HCl	0.072	72.460	0.397	396.715
L-Methionine	63-68-3	HO ₂ CCH(NH ₂)CH ₂ CH ₂ SCH ₃	1.500E-02	15.000	0.101	100.536
L-Phenylalanine	63-91-2	HO ₂ CCH(NH ₂)CH ₂ C ₆ H ₅	3.200E-02	32.000	0.194	193.716
L-Serine	56-45-1	HO ₂ CCH(NH ₂)CH ₂ OH	2.500E-02	25.000	0.238	237.891
L-Threonine	72-19-5	HO ₂ CCH(NH ₂)CH(OH)CH ₃	4.800E-02	48.000	0.403	402.955
L-Tryptophan	73-22-3	C ₁₁ H ₁₂ N ₂ O ₂	1.000E-02	10.000	4.896E-02	48.964
L-Tyrosine	60-18-4	C ₉ H ₁₁ NO ₃	3.600E-02	36.000	0.199	198.686
L-Valine	72-18-4	HO ₂ CCH(NH ₂)CH(CH ₃) ₂	4.600E-02	46.000	0.393	392.827
L-Proline	147-85-3	C ₅ H ₉ NO ₂	4.000E-02	40.000	0.347	347.433
D-Calcium Pantothenate (Vitamin B5)	137-08-6	C ₁₈ H ₃₂ CaN ₂ O ₁₀	1.000E-03	1.000	2.099E-03	2.099
Folic Acid	59-30-3	C ₁₉ H ₁₉ N ₇ O ₆	1.000E-03	1.000	2.266E-03	2.266
Myo-Inositol	87-89-8	C ₆ H ₁₂ O ₆	2.000E-03	2.000	1.110E-02	11.101
Niacinamide (Nicotinamide)	98-92-0	C ₆ H ₆ N ₂ O	1.000E-03	1.000	8.189E-03	8.189
Pyridoxine Monohydrochloride	58-56-0	C ₈ H ₁₁ NO ₃	1.000E-03	1.000	4.864E-03	4.864
Riboflavin (Vitamin B2)	83-88-5	C ₁₇ H ₂₀ N ₄ O ₆	1.000E-04	0.100	2.657E-04	0.266
Thiamine Monohydrochloride (Vitamin B1)	67-03-8	C ₁₂ H ₁₈ N ₄ O ₄ SCl ₂	1.000E-03	1.000	2.965E-03	2.965
D-Biotin (Vitamin H) (00129)	58-85-5	C ₁₀ H ₁₆ N ₂ O ₃ S	1.000E-04	0.100	4.093E-04	0.409
Cyanocobalamin (Vitamin B12)	68-19-9	C ₆₃ H ₈₈ CoN ₁₄ O ₁₄ P	1.330E-03	1.330	9.813E-04	0.981
DL-α-lipoic acid (thioctic acid)	1077-28-7	C ₈ H ₁₄ O ₂ S ₂	2.000E-04	0.200	9.693E-04	0.969
Choline Chloride	67-48-1	HOCH ₂ CH ₂ N(CH ₃) ₃ Cl	1.000E-03	1.000	7.162E-03	7.162
DL-α-lipoic acid (thioctic acid)	1077-28-7	C ₈ H ₁₄ O ₂ S ₂	0.100	100.000	0.485	484.660
L-Ascorbic Acid (Vitamin C)	50-81-7	C ₆ H ₈ O ₆	0.050	50.000	0.284	283.881
L-Cysteine Monohydrochloride Monohydrate	7048-04-6	C ₃ H ₇ NO ₂ S • HCl • H ₂ O	3.129E-02	31.290	0.178	178.189
Calcium Chloride Anhydrous	10043-52-4	CaCl ₂	0.200	200.000	1.802	1.802E+03
Magnesium Sulfate Anhydrous	7487-88-9	MgSO ₄	0.098	97.670	0.811	8.114E+02
Sodium Phosphate Monobasic, Anhydrous	7558-80-7	NaH ₂ PO ₄	0.122	121.740	1.015	1.015E+03