

Description	CAS #	Chemical Formula	Concentration		Molarity	
			g/L	mg/L	mM	uM
Calcium Chloride Dihydrate	10035-04-8	CaCl ₂ • 2H ₂ O	0.265	264.900	1.802	1.802E+03
Dextrose	50-99-7	C ₆ H ₁₂ O ₆	2.000	2.000E+03	11.101	1.110E+04
Ferric Chloride	10025-77-1	FeCl ₃ •6H ₂ O	5.400E-04	0.540	1.998E-03	1.998
Magnesium Chloride Hexahydrate	7791-18-6	MgCl ₂ • 6H ₂ O	0.183	183.000	0.900	900.148
Magnesium Sulfate Heptahydrate	10034-99-8	MgSO ₄ • 7H ₂ O	2.500E-02	25.000	0.101	101.432
Potassium Chloride	7447-40-7	KCl	0.400	400.000	5.366	5.366E+03
Sodium Bicarbonate	144-55-8	NaHCO ₃	2.200	2.200E+03	26.187	2.619E+04
Sodium Chloride	7647-14-5	NaCl	6.800	6.800E+03	116.359	1.164E+05
Sodium phosphate monobasic monohydrate	10049-21-5	NaH ₂ PO ₄ • H ₂ O	0.150	150.000	1.087	1.087E+03
Zinc Sulfate Heptahydrate	7446-20-0	ZnSO ₄ • 7H ₂ O	1.400E-04	0.140	4.870E-04	0.487
L-Arginine Monohydrochloride	1119-34-2	C ₆ H ₁₄ N ₄ O ₂ • HCl	0.127	127.000	0.603	602.867
L-Asparagine Monohydrate	5794-13-8	NH ₂ COCH ₂ CH(NH ₂)COOH • H ₂ O	6.000E-02	60.000	0.400	399.654
L-Cystine	56-89-3	C ₆ H ₁₂ N ₂ O ₄ S ₂	2.400E-02	24.000	0.100	99.875
L-Glutamine	56-85-9	C ₅ H ₁₀ N ₂ O ₃	0.584	584.000	3.996	3.996E+03
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	5.200E-02	52.000	0.396	396.432
L-Leucine	61-90-5	HO ₂ CCH(NH ₂)CH ₂ CH(CH ₃) ₂	0.131	131.200	1.000	1.000E+03
L-Lysine Monohydrochloride	657-27-2	C ₆ H ₁₄ N ₂ O ₂ • HCl	7.260E-02	72.600	0.397	397.482
L-Methionine	63-68-3	HO ₂ CCH(NH ₂)CH ₂ CH ₂ SCCH 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	4.200E-02	42.000	0.400	399.657
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
D-Biotin (Vitamin H)	58-85-5	C ₁₀ H ₁₆ N ₂ O ₃ S	1.000E-04	0.100	4.093E-04	0.409
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
Choline Chloride	67-48-1	HOCH ₂ CH ₂ N(CH ₃) ₃ Cl	5.600E-02	56.000	0.401	401.060
Cyanocobalamin (Vitamin B12)	68-19-9	C ₆₃ H ₈₈ CoN ₁₄ O ₁₄ P	1.360E-03	1.360	1.003E-03	1.003
Folic Acid	59-30-3	C ₁₉ H ₁₉ N ₇ O ₆	2.200E-03	2.200	4.984E-03	4.984
I-Inositol	87-89-8	C ₆ H ₁₂ O ₆	3.600E-02	36.000	0.200	199.778
Linoleic Acid (Free Acid)	60-33-3	C ₁₈ H ₃₂ O ₂	8.000E-05	8.000E-02	2.853E-04	0.285
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
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
Phenol Red	34487-61-1	C ₁₉ H ₁₄ O ₅ S	1.000E-02	10.000	2.657E-02	26.567
Pyruvic Acid Sodium Salt	113-24-6	CH ₃ COCO ₂ Na	0.110	110.000	1.000	999.636
Putrescine Dihydrochloride	333-93-7	NH ₂ (CH ₂) ₄ NH ₂ • 2HCl	1.600E-04	0.160	9.933E-04	0.993