

L-15 (Leibovitz) Medium w/o L-Glutamine

12-700



Description	CAS #	Chemical Formula	Concentration		Molarity	
			g/L	mg/L	mM	uM
Calcium Chloride Anhydrous	10043-52-4	CaCl ₂	0.140	140.000	1.26	1.261E+03
D(+) Galactose (Anhydrous)	59-23-4	C ₆ H ₁₂ O ₆	0.900	900.000	5.00	4.996E+03
Magnesium Sulfate Anhydrous	7487-88-9	MgSO ₄	9.770E-02	97.700	0.81	811.66
Potassium Chloride	7447-40-7	KCl	0.400	400.000	5.37	5.366E+03
Potassium Phosphate Monobasic Anhydrous	7778-77-0	KH ₂ PO ₄	0.060	60.000	0.44	440.85
Sodium Chloride	7647-14-5	NaCl	8.000	8.000E+03	136.89	1.369E+05
Sodium Phosphate, Dibasic Anhydrous	7558-79-4	Na ₂ HPO ₄	0.190	190.000	1.34	1.338E+03
L-Alanine	56-41-7	HO ₂ CCH(NH ₂)CH ₃	0.225	225.000	2.53	2.526E+03
L-Arginine Free Base	74-79-3	C ₆ H ₁₄ N ₄ O ₂	0.500	500.000	2.87	2.870E+03
L-Asparagine	70-47-3	C ₄ H ₈ N ₂ O ₃	0.250	250.000	1.89	1.892E+03
L-Cysteine, Free Base	52-90-4	HS-CH ₂ CH(NH ₂)COOH	0.120	120.000	0.99	990.43
Glycine	56-40-6	HO ₂ CCH ₂ NH ₂	0.200	200.000	2.66	2.664E+03
L-Histidine, Free Base	71-00-1	(C ₃ N ₂ H ₃)CH ₂ CH(NH ₂)COOH	0.250	250.000	1.61	1.611E+03
L-Isoleucine	73-32-5	HO ₂ CCH(NH ₂)CH(CH ₃)CH ₂ CH ₃	0.125	125.000	0.95	952.96
L-Leucine	61-90-5	HO ₂ CCH(NH ₂)CH ₂ CH(CH ₃) ₂	0.125	125.000	0.95	952.96
L-Lysine Monohydrochloride	657-27-2	C ₆ H ₁₄ N ₂ O ₂ • HCl	9.371E-02	93.71	0.51	513.03
L-Methionine	63-68-3	HO ₂ CCH(NH ₂)CH ₂ CH ₂ SCH ₃	7.500E-02	75.00	0.50	502.68
L-Phenylalanine	63-91-2	HO ₂ CCH(NH ₂)CH ₂ C ₆ H ₅	0.13	125.00	0.76	756.70
L-Serine	56-45-1	HO ₂ CCH(NH ₂)CH ₂ OH	0.20	200.00	1.90	1.903E+03
L-Threonine	72-19-5	HO ₂ CCH(NH ₂)CH(OH)CH ₃	0.30	300.00	2.52	2.518E+03
L-Tryptophan	73-22-3	C ₁₁ H ₁₂ N ₂ O ₂	2.000E-02	20.00	9.793E-02	97.93
L-Valine	72-18-4	HO ₂ CCH(NH ₂)CH(CH ₃) ₂	0.10	100.00	0.85	853.97
D-Calcium Pantothenate (Vitamin B5)	137-08-6	C ₁₈ H ₃₂ CaN ₂ O ₁₀	1.000E-03	1.00	2.099E-03	2.10
Choline Chloride	67-48-1	HOCH ₂ CH ₂ N(CH ₃) ₃ Cl	1.000E-03	1.00	7.162E-03	7.16
Folic Acid	59-30-3	C ₁₉ H ₁₉ N ₇ O ₆	1.000E-03	1.00	2.266E-03	2.27
D-Inositol	87-89-8	C ₆ H ₁₂ O ₆	2.000E-03	2.00	1.110E-02	11.10
Niacinamide (Nicotinamide)	98-92-0	C ₆ H ₆ N ₂ O	1.000E-03	1.00	8.189E-03	8.19
Pyridoxine Monohydrochloride	58-56-0	C ₈ H ₁₁ N ₃ O	1.000E-03	1.00	4.864E-03	4.86
Riboflavin-5'-Phosphate	6184-17-4	C ₁₇ H ₂₀ N ₄ O ₉ PNa • 2H ₂ O	1.000E-04	0.10	1.944E-04	0.19
Phenol Red	34487-61-1	C ₁₉ H ₁₄ O ₅ S	1.000E-02	10.00	2.657E-02	26.57
Pyruvic Acid Sodium Salt	113-24-6	CH ₃ COCO ₂ Na	0.55	550.00	5.00	4.998E+03
L-Tyrosine Disodium Salt, Dihydrate	122666-78-9	C ₉ H ₉ NO ₃ Na ₂ • 2H ₂ O	0.37	370.00	1.42	1.417E+03
Thiamine Monophosphate	273724-21-3	C ₁₂ H ₁₈ CIN ₄ O ₄ PS • 2H ₂ O	1.000E-03	1.00	2.399E-03	2.40
Magnesium Chloride, Anhydrous	7786-30-3	MgCl ₂	9.367E-02	93.67	0.98	983.78