

α-MEM 培养基含 L-谷氨酰胺 核糖核苷及脱氧核糖核苷 配方
(MEM alpha, nucleosides)

货号: Lvn1008

规格: 500ml

Components	Molecular Weight	Concentration (mg/L)	mM
Amino Acids			
Glycine	75	50	0.6666667
L-Alanine	89	25	0.28089887
L-Arginine hydrochloride	211	105	0.49763033
L-Asparagine-H ₂ O	150	50	0.33333334
L-Aspartic acid	133	30	0.22556391
L-Cysteine hydrochloride-H ₂ O	176	100	0.5681818
L-Cystine 2HCl	313	31	0.09904154
L-Glutamic Acid	147	75	0.5102041
L-Glutamine	146	292	2
L-Histidine	155	31	0.2
L-Isoleucine	131	52.4	0.4
L-Leucine	131	52	0.39694658
L-Lysine	183	73	0.3989071
L-Methionine	149	15	0.10067114
L-Phenylalanine	165	32	0.19393939
L-Proline	115	40	0.3478261
L-Serine	105	25	0.23809524
L-Threonine	119	48	0.40336135
L-Tryptophan	204	10	0.04901961
L-Tyrosine disodium salt	225	52	0.23111111
L-Valine	117	46	0.3931624
Vitamins			
Ascorbic Acid	176	50	0.2840909
Biotin	244	0.1	0.000409836
Choline chloride	140	1	0.007142857
D-Calcium pantothenate	477	1	0.002096436
Folic Acid	441	1	0.002267574
Niacinamide	122	1	0.008196721
Pyridoxal hydrochloride	204	1	0.004901961
Riboflavin	376	0.1	0.000265957
Thiamine hydrochloride	337	1	0.002967359
Vitamin B12	1355	1.36	0.00100369
i-Inositol	180	2	0.011111111
Inorganic Salts			
Calcium Chloride (CaCl ₂) (anhyd.)	111	200	1.8018018
Magnesium Sulfate (MgSO ₄) (anhyd.)	120	97.67	0.8139166

Potassium Chloride (KCl)	75	400	5.3333335
Sodium Bicarbonate (NaHCO ₃)	84	2200	26.190475
Sodium Chloride (NaCl)	58	6800	117.24138
Sodium Phosphate monobasic (NaH ₂ PO ₄ -H ₂ O)	138	140	1.0144928
Ribonucleosides			
Adenosine	267	10	0.037453182
Cytidine	243	10	0.041152265
Guanosine	283	10	0.03533569
Uridine	244	10	0.040983606
Deoxyribonucleosides			
2'Deoxyadenosine	251	10	0.03984064
2'Deoxycytidine HCl	264	11	0.041666668
2'Deoxyguanosine	267	10	0.037453182
Thymidine	242	10	0.041322313
Other Components			
D-Glucose (Dextrose)	180	1000	5.5555553
Lipoic Acid	206	0.2	0.000970874
Phenol Red	376.4	10	0.026567481
Sodium Pyruvate	110	110	1