



a-MEM 液体培养基

货号：BL306A

规格：500ml

保存温度：2-8°C，避光保存，有效期 12 个月

Components	Molecular Weight	Concentration (mg/L)	mM
Amino Acids			
Glycine	75	50	0.666
L-Alanine	89	25	0.2808
L-Arginine hydrochloride	211	105	0.497
L-Asparagine-H ₂ O	150	50	0.333
L-Aspartic acid	133	30	0.225
L-Cysteine hydrochloride-H ₂ O	176	100	0.568
L-Cystine 2HCl	313	31	0.099
L-Glutamic Acid	147	75	0.51
L-Histidine	155	31	0.2
L-Isoleucine	131	52.4	0.4
L-Leucine	131	52	0.396
L-Lysine	183	73	0.398
L-Methionine	149	15	0.101
L-Phenylalanine	165	32	0.193
L-Proline	115	40	0.347
L-Serine	105	25	0.238
L-Threonine	119	48	0.403
L-Tryptophan	204	10	0.049
L-Tyrosine disodium salt	225	52	0.231
L-Valine	117	46	0.393
Vitamins			
Ascorbic Acid	176	50	0.284
Biotin	244	0.1	4.10E-04
Choline chloride	140	1	0.007

D-Calcium pantothenate	477	1	0.002
Folic Acid	441	1	0.002
Niacinamide	122	1	0.008
Pyridoxal hydrochloride	204	1	0.004
Riboflavin	376	0.1	2.66E-04
Thiamine hydrochloride	337	1	0.003
Vitamin B12	1355	1.36	0.001
i-Inositol	180	2	0.011
Inorganic Salts			
Calcium Chloride (CaCl ₂) (anhyd.)	111	200	1.802
Magnesium Sulfate (MgSO ₄) (anhyd.)	120	97.67	0.814
Potassium Chloride (KCl)	75	400	5.333
Sodium Chloride (NaCl)	58	6800	117.241
Sodium Phosphate monobasic (NaH ₂ PO ₄ -H ₂ O)	138	140	1.0145
Ribonucleosides			
Adenosine	267	10	0.0374
Cytidine	243	10	0.041
Guanosine	283	10	0.035
Uridine	244	10	0.041
Deoxyribonucleosides			
2'Deoxyadenosine	251	10	0.039
2'Deoxyctidine HCl	264	11	0.041
2'Deoxyguanosine	267	10	0.037
Thymidine	242	10	0.041
Other Components			
D-Glucose (Dextrose)	180	1000	5.555
Phenol Red	376.4	10	0.0265
HEPES	238	5958	25.033
Sodium Bicarbonate (NaHCO ₃)	84	2200	26.19
L-Glutamine	146	292	2

Sodium Pyruvate	110	110	1
Lipoic Acid	206	0.2	9.71E-04



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