



DMEM/F12 (1:1) 培养基

货号: BL305A

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	18.75	0.25
L-Alanine	89	4.45	0.05
L-Arginine hydrochloride	211	147.5	0.698
L-Asparagine-H ₂ O	150	7.5	0.05
L-Aspartic acid	133	6.65	0.05
L-Cysteine hydrochloride-H ₂ O	176	17.56	0.099
L-Cystine 2HCl	313	31.29	0.099
L-Glutamic Acid	147	7.35	0.05
L-Histidine hydrochloride-H ₂ O	210	31.48	0.149
L-Isoleucine	131	54.47	0.415
L-Leucine	131	59.05	0.45
L-Lysine hydrochloride	183	91.25	0.498
L-Methionine	149	17.24	0.115
L-Phenylalanine	165	35.48	0.215
L-Proline	115	17.25	0.15
L-Serine	105	26.25	0.25
L-Threonine	119	53.45	0.445
L-Tryptophan	204	9.02	0.044
L-Tyrosine disodium salt dihydrate	261	55.79	0.21
L-Valine	117	52.85	0.451
Vitamins			

Biotin	244	0.0035	1.43E-05
Choline chloride	140	8.98	0.064
D-Calcium pantothenate	477	2.24	0.004
Folic Acid	441	2.65	0.006
Niacinamide	122	2.02	0.016
Pyridoxine hydrochloride	206	2	0.009
Riboflavin	376	0.219	5.82E-04
Thiamine hydrochloride	337	2.17	0.006
Vitamin B12	1355	0.68	5.02E-04
i-Inositol	180	12.6	0.07
Inorganic Salts			
Calcium Chloride (CaCl ₂) (anhyd.)	111	116.6	1.05
Cupric sulfate (CuSO ₄ ·5H ₂ O)	250	0.0013	5.20E-06
Ferric Nitrate (Fe(NO ₃) ₃ ·9H ₂ O)	404	0.05	1.24E-04
Ferrous Sulfate (FeSO ₄ ·7H ₂ O)	278	0.417	0.0015
Magnesium Chloride (anhydrous)	95	28.64	0.301
Magnesium Sulfate (MgSO ₄) (anhyd.)	120	48.84	0.407
Potassium Chloride (KCl)	75	311.8	4.157
Sodium Chloride (NaCl)	58	6995.5	120.612
Sodium Phosphate dibasic (Na ₂ HPO ₄) anhydrous	142	71.02	0.5
Sodium Phosphate monobasic (NaH ₂ PO ₄ ·H ₂ O)	138	62.5	0.452
Zinc sulfate (ZnSO ₄ ·7H ₂ O)	288	0.432	0.001
Other Components			
D-Glucose (Dextrose)	180	3151	17.505
Phenol Red	376.4	8.1	0.021
HEPES	238	3574.5	15.018
Sodium Bicarbonate (NaHCO ₃)	84	1200	14.283
L-Glutamine	146	365	2.5
Sodium Pyruvate	110	55	0.5

Hypoxanthine Na	159	2.39	0.015
Linoleic Acid	280	0.042	1.50E-04
Lipoic Acid	206	0.105	5.10E-04
Putrescine 2HCl	161	0.081	5.03E-04
Thymidine	242	0.365	0.001



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