



M199 液体培养基

货号: BL309A

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	0.283
L-Arginine hydrochloride	211	70	0.331
L-Aspartic acid	133	30	0.225
L-Cysteine hydrochloride-H ₂ O	176	0.1	5.68E-04
L-Cystine 2HCl	240	26	0.108
L-Glutamic Acid	147	75	0.51
L-Histidine hydrochloride-H ₂ O	210	21.88	0.104
L-Hydroxyproline	131	10	0.076
L-Isoleucine	131	40	0.305
L-Leucine	131	60	0.458
L-Lysine hydrochloride	183	70	0.382
L-Methionine	149	15	0.101
L-Phenylalanine	165	25	0.151
L-Proline	115	40	0.347
L-Serine	105	25	0.238
L-Threonine	119	30	0.252
L-Tryptophan	204	10	0.049
L-Tyrosine disodium salt dihydrate	261	58	0.222
L-Valine	117	25	0.213
Vitamins			
Ascorbic Acid	176	0.05	2.84E-04
Biotin	244	0.01	4.10E-05
Choline chloride	140	0.5	0.003

D-Calcium pantothenate	477	0.01	2.10E-05
Folic Acid	441	0.01	2.27E-05
Menadione (Vitamin K3)	172	0.01	5.81E-05
Niacinamide	122	0.025	2.05E-04
Nicotinic acid (Niacin)	123	0.025	2.03E-04
Para-Aminobenzoic Acid	137	0.05	3.65E-04
Pyridoxal hydrochloride	204	0.025	1.23E-04
Pyridoxine hydrochloride	206	0.025	1.21E-04
Riboflavin	376	0.01	2.66E-05
Thiamine hydrochloride	337	0.01	2.97E-05
Vitamin A (acetate)	328	0.1	3.05E-04
Vitamin D2 (Calciferol)	397	0.1	2.52E-04
alpha Tocopherol phos. Na salt	554.7	0.01	1.80E-05
i-Inositol	180	0.05	2.78E-04
Inorganic Salts			
Calcium Chloride (CaCl ₂) (anhyd.)	111	200	1.801
Ferric nitrate (Fe(NO ₃)-9H ₂ O)	404	0.7	0.002
Magnesium Sulfate (MgSO ₄) (anhyd.)	120	97.67	0.813
Potassium Chloride (KCl)	75	400	5.333
Sodium Chloride (NaCl)	58	6100	105.172
Sodium Phosphate monobasic (NaH ₂ PO ₄) anhydrous	138	140	1.0144
Other Components			
D-Glucose (Dextrose)	180	1000	5.555
Phenol Red	376.4	20	0.0533
Sodium Bicarbonate (NaHCO ₃)	84	2200	26.19
L-Glutamine	146	100	0.684
2-deoxy-D-ribose	134	0.5	0.003
Adenine sulfate	404	10	0.024
Adenosine 5'-phosphate	347	0.2	5.76E-04
Adenosine 5'-triphosphate	605	1	0.001
Cholesterol	387	0.2	5.17E-04
Glutathione (reduced)	307	0.05	1.63E-04
Guanine hydrochloride	188	0.3	0.001

Hypoxanthine Na	136	0.4	0.003
Ribose	150	0.5	0.003
Sodium Acetate	82	50	0.609
Thymine	126	0.3	0.00225
Tween 80®		20	Infinity
Uracil	112	0.3	0.002
Xanthine-Na	152	0.34	0.002



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