

培养基配方表 (Media Formulation)

名称: MEM 培养基 (Temin's 改良) 2X 含 L-谷氨酰胺和 Earle 平衡盐, 不含酚红

货号: L580KJ

组分 (Components)	分子量 (MW)	浓度 (mg/L)	摩尔浓度 (mM)
氨基酸 (Amino Acids)			
L-Arginine hydrochloride	210.66	504	2.392480775
L-Cystine dihydrochloride	313.22	125	0.399080518
L-Glutamine	146.14	870	5.953195566
L-Histidine monohydrochloride hydrate	209.63	168	0.801412012
L-Isoleucine	131.17	208	1.585728444
L-Leucine	131.17	208	1.585728444
L-Lysine hydrochloride	182.65	290	1.587736107
L-Methionine	149.21	60	0.402117821
L-Phenylalanine	165.19	128	0.774865307
L-Threonine	119.12	192	1.611820013
L-Tryptophan	204.23	40	0.195857612
L-Tyrosine disodium salt dihydrate	261.18	208	0.796385634
L-Valine	117.15	155	1.323090055
无机盐 (Inorganic Salts)			
Calcium Chloride	110.98	285	2.568030276
Magnesium Sulfate	120.37	195	1.620004985
Potassium Chloride	74.55	800	10.73105298
Sodium Bicarbonate	84.01	8400	99.98809666
Sodium Chloride	58.44	11000	188.2272416
Sodium Phosphate monobasic hydrate	137.99	250	1.811725487
Ferric Nitrate nonahydrate	404	1	0.002475248
维生素 (Vitamins)			
Choline chloride	139.62	4	0.028649191
D-Calcium pantothenate	238.27	4	0.016787678
Folic Acid	441.4	4	0.009062075
i-Inositol	180.16	8	0.044404973
Niacinamide	122.12	4	0.032754668
Riboflavin	376.36	0.4	0.001062812
Thiamine hydrochloride	337.27	4	0.011859934
Pyridoxal hydrochloride	204	4	0.019607843
其他组分 (Other Components)			
D-(+)-Glucose	180.16	9000	49.95559503