

## 培养基配方表 (Media Formulation)

名称: MEM 培养基 干粉 含酚红、Earle 平衡盐、L-谷氨酰胺和非必需氨基酸

货号: P550L7, P550LV

组分 (Components)	分子量 (MW)	浓度 (mg/L)	摩尔浓度 (mM)
<b>氨基酸 (Amino Acids)</b>			
Glycine	75.07	7.5	0.0999068
L-Arginine hydrochloride	210.66	126	0.5981202
L-Cystine dihydrochloride	313.22	31.28	0.0998659
L-Glutamine	146.14	292	1.998084
L-Histidine monohydrochloride hydrate	209.63	42	0.200353
L-Isoleucine	131.17	52	0.3964321
L-Leucine	131.17	52	0.3964321
L-Lysine hydrochloride	182.65	72.5	0.396934
L-Methionine	149.21	15	0.1005295
L-Phenylalanine	165.19	32	0.1937163
L-Serine	105.09	10.5	0.0999144
L-Threonine	119.12	48	0.402955
L-Tryptophan	204.23	10	0.0489644
L-Tyrosine disodium salt dihydrate	261.18	51.9	0.1987135
L-Valine	117.15	46	0.392659
L-Aspartic acid	133.1	13.3	0.0999249
L-Glutamic Acid	147.13	14.7	0.0999116
L-Proline	115.13	11.5	0.0998871
L-Alanine	89.09	8.9	0.099899
L-Asparagine monohydrate	150.13	15	0.0999134
<b>无机盐 (Inorganic Salts)</b>			
Calcium Chloride	110.98	200	1.8021265
Magnesium Sulfate	120.37	97.67	0.8114148
Potassium Chloride	74.55	400	5.3655265
Sodium Chloride	58.44	6800	116.3586585
Sodium Phosphate monobasic hydrate	137.99	140	1.0145663
<b>维生素 (Vitamins)</b>			
Choline chloride	139.62	1	0.0071623
D-Calcium pantothenate	238.27	1	0.0041969
Folic Acid	441.4	1	0.0022655
i-Inositol	180.16	2	0.0111012
Niacinamide	122.12	1	0.0081887
Riboflavin	376.36	0.1	0.0002657
Thiamine hydrochloride	337.27	1	0.002965

Pyridoxal hydrochloride	203.62	1	0.0049111
<b>其他成分 (Other Components)</b>			
D-(+)-Glucose	180.16	1000	5.5506217
Phenol Red	376.4	10	0.0265675