

培养基配方表 (Media Formulation)

名称: NeuroGro® 神经元基础培养基 不含 L-谷氨酰胺

货号: T710KJ

组分 (Components)	分子量 (MW)	浓度 (mg/L)	摩尔浓度 (mM)
氨基酸 (Amino Acids)			
Glycine	75.07	30	0.399627
L-Alanine	89.09	2	0.0224492
L-Arginine hydrochloride	210.66	84	0.3987468
L-Asparagine monohydrate	150.13	0.83	0.0055285
L-Cysteine hydrochloride monohydrate	175.63	45.7	0.2602061
L-Histidine monohydrochloride hydrate	209.63	42	0.200353
L-Isoleucine	131.17	105	0.8004879
L-Leucine	131.17	105	0.8004879
L-Lysine hydrochloride	182.65	146	0.799343
L-Methionine	149.21	30	0.2010589
L-Serine	105.09	42	0.3996574
L-Phenylalanine	165.19	66	0.3995399
L-Proline	115.13	7.76	0.0674021
L-Threonine	119.12	95	0.7975151
L-Tryptophan	204.23	16	0.078343
L-Tyrosine disodium salt dihydrate	261.18	104	0.3981928
L-Valine	117.15	94	0.8023901
无机盐 (Inorganic Salts)			
Calcium Chloride	110.98	200	1.8021265
Ferric Nitrate nonahydrate	404	0.1	0.0002475
Magnesium Chloride hexahydrate	203.3	165	0.8116085
Potassium Chloride	74.55	400	5.3655265
Sodium Bicarbonate	84.01	2200	26.1873586
Sodium Chloride	58.44	3000	51.3347023
Sodium Phosphate monobasic hydrate	137.99	125	0.9058627
Zinc Sulfate heptahydrate	287.56	0.194	0.0006746
维生素 (Vitamins)			
Choline chloride	139.62	4	0.0286492
D-Calcium pantothenate	238.27	4	0.0167877
Folic Acid	441.4	4	0.0090621
Niacinamide	122.12	4	0.0327547

Pyridoxine hydrochloride	205.64	4	0.0194515
Riboflavin	376.36	0.4	0.0010628
Thiamine hydrochloride	337.27	4	0.0118599
Vitamin B12	1355.37	0.0068	0.000005
i-Inositol	180.16	7.2	0.0399645

其他成分 (Other Components)

D-(+)-Glucose	180.16	4500	24.9777975
HEPES	238.3	2600	10.9106169
Phenol Red	376.4	8.1	0.0215197
Sodium Pyruvate	110.04	25	0.2271901