

培养基配方表 (Media Formulation)

名称: Waymouth MB 752/1 培养基 含酚红和 L-谷氨酰胺

货号: L710KJ

组分 (Components)	分子量 (MW)	浓度 (mg/L)	摩尔浓度 (mM)
氨基酸 (Amino Acids)			
Glycine	75.07	50	0.666045
L-Arginine hydrochloride	210.66	75	0.3560239
L-Aspartic acid	133.1	60	0.4507889
L-Cysteine hydrochloride monohydrate	175.63	100.29	0.57103
L-Cystine dihydrochloride	313.22	19.55	0.0624162
L-Glutamic Acid	147.13	150	1.0195066
L-Glutamine	146.14	350	2.3949637
L-Histidine monohydrochloride hydrate	209.63	164.1	0.7828078
L-Isoleucine	131.17	25	0.1905924
L-Leucine	131.17	50	0.3811847
L-Lysine hydrochloride	182.65	240	1.3139885
L-Methionine	149.21	50	0.3350982
L-Phenylalanine	165.19	50	0.3026818
L-Proline	115.13	50	0.4342917
L-Threonine	119.12	75	0.6296172
L-Tryptophan	204.23	40	0.1958576
L-Tyrosine disodium salt dihydrate	261.18	57.7	0.2209204
L-Valine	117.15	65	0.5548442
无机盐 (Inorganic Salts)			
Calcium Chloride	110.98	90.6	0.8163633
Magnesium Chloride hexahydrate	203.3	239.76	1.1793409
Magnesium Sulfate	120.37	97.67	0.8114148
Potassium Chloride	74.55	150	2.0120724
Potassium Phosphate monobasic	136.09	80	0.5878463
Sodium Bicarbonate	84.01	2240	26.6634924
Sodium Chloride	58.44	6000	102.6694045
Sodium Phosphate dibasic	141.96	300	2.1132713
维生素 (Vitamins)			
Ascorbic Acid	176.12	19.8	0.1124233
Biotin	244.31	0.02	0.0000819
Choline Bitartrate	253.25	453.52	1.7907996
D-Calcium pantothenate	238.27	1	0.0041969
Folic Acid	441.4	0.4	0.0009062
Niacinamide	122.12	1	0.0081887

Pyridoxine hydrochloride	205.64	1	0.0048629
Riboflavin	376.36	1	0.002657
Thiamine hydrochloride	337.27	10	0.0296498
Vitamin B12	1355.37	0.2	0.0001476
i-Inositol	180.16	1	0.0055506
其他成分 (Other Components)			
D-(+)-Glucose	180.16	5000	27.7531083
Glutathione (reduced)	307.32	15	0.0488091
Hypoxanthine	136.11	25	0.183675
Phenol Red	376.4	11	0.0292242