

培养基配方表 (Media Formulation)

名称: Schneider's 果蝇细胞培养基 含 L-谷氨酰胺, 不含酚红

货号: L670KJ

组分 (Components)	分子量 (MW)	浓度 (mg/L)	摩尔浓度 (mM)
氨基酸 (Amino Acids)			
Glycine	75.07	250	3.3302251
L-Arginine	174.2	400	2.2962113
L-Aspartic acid	133.1	400	3.0052592
L-Cysteine	121.16	60	0.4952129
L-Cystine	240.3	100	0.4161465
L-Glutamic Acid	147.13	800	5.4373683
L-Glutamine	146.14	1800	12.3169563
L-Histidine	155.15	400	2.5781502
L-Isoleucine	131.17	150	1.1435542
L-Leucine	131.17	150	1.1435542
L-Lysine hydrochloride	182.65	1650	9.033671
L-Methionine	149.21	800	5.3615709
L-Phenylalanine	165.19	150	0.9080453
L-Proline	115.13	1700	14.7659168
L-Serine	105.09	250	2.3789133
L-Threonine	119.12	350	2.9382136
L-Tryptophan	204.23	100	0.489644
L-Tyrosine	181.19	500	2.7595342
L-Valine	117.15	300	2.5608195
β-Alanine	89.09	500	5.6123022
无机盐 (Inorganic Salts)			
Calcium Chloride	110.98	600	5.4063795
Magnesium Sulfate	120.37	1810	15.0369693
Potassium Chloride	74.55	1600	21.462106
Potassium Phosphate monobasic	136.09	450	3.3066353
Sodium Bicarbonate	84.01	400	4.7613379
Sodium Chloride	58.44	2100	35.9342916
Sodium Phosphate dibasic	141.96	700	4.9309665
其他成分 (Other Components)			
α-Ketoglutaric Acid	146.1	200	1.3689254
D-(+)-Glucose	180.16	2000	11.1012433
Fumaric acid	116.07	100	0.8615491
L-(-)-Malic Acid	134.09	100	0.7457678
Succinic acid	118.09	100	0.8468118

Trehalose	342.3	2000	5.8428279
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