



DMEM（高糖）组分表

组分	分子量	MD0100	
		浓度 (mg/L)	摩尔浓度 (mM)
Glycine	75	30	0.4
L-Arginine hydrochloride	211	84	0.39810428
L-Cystine 2HCl	313	63	0.20127796
L-Glutamine	146	584	4
L-Histidine hydrochloride-H ₂ O	210	42	0.2
L-Isoleucine	131	105	0.8015267
L-Leucine	131	105	0.8015267
L-Lysine hydrochloride	188	146	0.7978142
L-Methionine	149	30	0.20134228
L-Phenylalanine	165	66	0.4
L-Serine	105	42	0.4
L-Threonine	119	95	0.79831934
L-Tryptophan	204	16	0.078431375
L-Tyrosine disodium salt dihydrate	261	104	0.39846742
L-Valine	117	94	0.8034188
Calcium Chloride (CaCl ₂) (anhyd.)	111	200	1.8018018
Ferric Nitrate (Fe(NO ₃) ₃ ·9H ₂ O)	404	0.1	0.0002475248
Magnesium Sulfate (MgSO ₄) (anhyd.)	120	97.7	0.8139166
Potassium Chloride (KCl)	75	400	5.3333335
Sodium Bicarbonate (NaHCO ₃)	84	3700	44.04762



上海启达生物科技有限公司

Sodium Chloride (NaCl)	58	6400	110.344826
Sodium Phosphate monobasic (NaH ₂ PO ₄ ·H ₂ O)	138	125	0.9057971
Choline chloride	140	4	0.028571429
D-Calcium pantothenate	477	4	0.008385744
Folic Acid	441	4	0.009070295
i-Inositol	180	7.2	0.04
Niacinamide	122	4	0.032786883
Pyridoxine hydrochloride	206	4	0.019417476
Riboflavin	376	0.4	0.0010638298
Thiamine hydrochloride	337	4	0.011869436
D-Glucose (Dextrose)	180	4500	25
HEPES	238		
Phenol Red	376	15	0.039851222
Sodium Pyruvate	110		