



Leibovitz's L-15 培养基配方比例表

组分	分子量	浓度 (mg/L)	摩尔浓度 (mM)
氨基酸			
Glycine	75	200	2.6666667
L-Alanine	89	225	2.52809
L-Arginine	174	500	2.8735633
L-Asparagine	132	250	1.8939394
L-Cysteine	121	120	0.9917355
L-Glutamine	146	300	2.0547945
L-Histidine	155	250	1.6129032
L-Isoleucine	131	250	1.908397
L-Leucine	131	125	0.9541985
L-Lysine	146	75	0.51369864
L-Methionine	149	75	0.5033557
L-Phenylalanine	165	125	0.75757575
L-Serine	105	200	1.9047619
L-Threonine	119	300	2.5210085
L-Tryptophan	204	20	0.09803922
L-Tyrosine	181	300	1.6574585
L-Valine	117	100	0.85470086



维生素			
Choline chloride	140	1	0.007142857
D-Calcium pantothenate	477	1	0.002096436
Folic Acid	441	1	0.002267574
Niacinamide	122	1	0.008196721
Pyridoxine hydrochloride	206	1	0.004854369
Riboflavin 5'-phosphate Na	478	0.1	2.09E-04
Thiamine monophosphate	442	1	0.002262444
i-Inositol	180	2	0.011111111
无机盐			
Calcium Chloride (CaCl ₂) (anhyd.)	111	140	1.2612612
Magnesium Chloride (anhydrous)	95	93.7	0.9863158
Magnesium Sulfate (MgSO ₄) (anhyd.)	120	97.67	0.8139166
Potassium Chloride (KCl)	75	400	5.3333335
Potassium Phosphate monobasic (KH ₂ PO ₄)	136	60	0.44117647
Sodium Chloride (NaCl)	58	8000	137.93103
Sodium Phosphate dibasic (Na ₂ HPO ₄) anhydrous	142	190	1.3380282
其他组分			
D+ Galactose	180	900	5
Phenol Red	376.4	10	0.026567481
Sodium Pyruvate	110	550	5