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Home > Media Formulation

Technique  es



## 61870 - RPMI 1640, GlutaMAX(TM)

Catalog Number(s)

61870036 , 61870127 , 61870143 , 61870150

Components	Molecular Weight	Concentration (mg/L)	mM
<b>Amino Acids</b>			
Glycine	75.0	10.0	0.13333334
L-Alanyl-Glutamine	217.0	446.0	2.0552995
L-Arginine	174.0	200.0	1.1494253
L-Asparagine	132.0	50.0	0.37878788
L-Aspartic acid	133.0	20.0	0.15037593
L-Cystine	240.0	50.0	0.20833333
L-Glutamic Acid	147.0	20.0	0.13605443
L-Histidine	155.0	15.0	0.09677419
L-Hydroxyproline	131.0	20.0	0.15267175
L-Isoleucine	131.0	50.0	0.3816794
L-Leucine	131.0	50.0	0.3816794
L-Lysine hydrochloride	183.0	40.0	0.21857923
L-Methionine	149.0	15.0	0.10067114
L-Phenylalanine	165.0	15.0	0.09090909
L-Proline	115.0	20.0	0.17391305
L-Serine	105.0	30.0	0.2857143
L-Threonine	119.0	20.0	0.16806723
L-Tryptophan	204.0	5.0	0.024509804
L-Tyrosine	181.0	20.0	0.110497236
L-Valine	117.0	20.0	0.17094018
<b>Vitamins</b>			
Biotin	244.0	0.2	8.1967213E-4
Choline chloride	140.0	3.0	0.021428572
D-Calcium pantothenate	477.0	0.25	5.24109E-4

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Components	Molecular Weight	Concentration (mg/L)	mM
Niacinamide 	122.0	1.0	0.008196721
Para-Aminobenzoic Acid	137.0	1.0	0.00729927
Pyridoxine hydrochloride	206.0	1.0	0.004854369
Riboflavin	376.0	0.2	5.319149E-4
Thiamine hydrochloride	337.0	1.0	0.002967359
Vitamin B12	1355.0	0.005	3.690037E-6
i-Inositol	180.0	35.0	0.19444445
<b>Inorganic Salts</b>			
Calcium nitrate (Ca(NO <sub>3</sub> ) <sub>2</sub> 4H <sub>2</sub> O)	236.0	100.0	0.42372882
Magnesium Sulfate (MgSO <sub>4</sub> ·7H <sub>2</sub> O)	246.0	100.0	0.40650406
Potassium Chloride (KCl)	75.0	400.0	5.3333335
Sodium Bicarbonate (NaHCO <sub>3</sub> )	84.0	2000.0	23.809525
Sodium Chloride (NaCl)	58.0	6000.0	103.44827
Sodium Phosphate dibasic (Na <sub>2</sub> HPO <sub>4</sub> ) anhydrous	142.0	800.0	5.633803
<b>Other Components</b>			
D-Glucose (Dextrose)	180.0	2000.0	11.111111
Glutathione (reduced)	307.0	1.0	0.0032573289
Phenol Red	376.4	5.0	0.013283741

## Reference:

## Related Products:

### 72400 - RPMI 1640, GlutaMAX(TM), HEPES

Cat No: 72400021 , 72400047 , 72400054 , 72400120 , 72400146 , 72400153

### 32404 - RPMI 1640, no glutamine, no phenol red

Cat No: 32404014

### 42401 - RPMI 1640, HEPES, no glutamine

Cat No: 42401018 , 42401042

### 42402 - RPMI 1640, HEPES, no glutamine

Cat No: 42402016