

Base Formulation of Chemically Defined Iscove's Modified Dulbecco's Medium (CD-IMDM)

Cat No: P3C310107

Containing PurMa™ GlutaSup (4 mM L-Alanyl-L-Glutamine) (868 mg/L)

Amino Acids	g/liter	Others	g/liter
L-Alanine	0.025	D-Glucose	4.5
L-Arginine-HCl	0.084	HEPES	5.958
L-Asparagine (freebase)	0.025	Phenol Red	0.015
L-Aspartic Acid	0.030	Sodium Pyruvate	0.110
L-Cystine-2HCl	0.9124	Vitamins	g/liter
L-Glutamic Acid	0.075	D-Biotin	0.000013
L-Alanyl-L-Glutamine	0.868	Choline Chloride	0.004
Glycine	0.030	Folic Acid	0.004
L-Histidine-HCl-H ₂ O	0.042	myo-Inositol	0.0072
L-Isoleucine	0.105	Nicotinamide	0.004
L-Leucine	0.105	D-Pantothenic Acid (hemicalcium)	0.004
L-Lysine-HCl	0.146	Pyridoxine-HCl	0.004
L-Methionine	0.030	Riboflavin	0.0004
L-Phenylalanine	0.066	Thiamine-HCl	0.004
L-Proline	0.04	Vitamin B-12	0.000013
L-Serine	0.042		
L-Threonine	0.095		
L-Tryptophan	0.016		
L-Tyrosine-2Na (Disodium Salt)	0.10379		
L-Valine	0.094		
Inorganic Salts	g/liter		
CaCl ₂ (anhydrous)	0.165		
MgSO ₄ (anhydrous)	0.0977		
KCl	0.33		
KNO ₃	0.000076		
NaHCO ₃	3.024		
NaCl	4.505		
NaH ₂ PO ₄ -H ₂ O	0.125		
Na ₂ SeO ₃ · 5H ₂ O	0.0000173		