



Base Formulation of Chemically Defined Eagle's Minimal Essential Medium (CD-EMEM), Cat No: P3M110110

Containing PurMa™ GlutaSup (2 mM L-Alanyl-L-Glutamine) (434 mg/L)

Standard Formulation

Amino Acids	(g/liter)	Others	(g/liter)
L-Alanine	0.00890	D-Glucose	1.00000
L-Arginine· HCl	0.12640	Phenol Red, Sodium Salt	0.01000
L-Asparagine·H ₂ O	0.01500	Sodium Pyruvate	0.11000
L-Aspartic Acid	0.01330	Vitamins	(g/Liter)
L-Cystine·2HCl	0.03120	Choline Chloride	0.00100
L-Glutamic Acid	0.01470	Folic Acid	0.00100
L-Alanyl-L-Glutamine	0.434	myo-Inositol	0.00200
Glycine	0.00750	Nicotinamide	0.00100
L-Histidine·HCl·H ₂ O	0.04190	D-Pantothenic Acid (hemicalcium)	0.00100
L-Isoleucine	0.05250	Pyridoxine· HCl	0.00100
L-Leucine	0.05250	Riboflavin	0.00010
L-Lysine· HCl	0.07250	Thiamine· HCl	0.00100
L-Methionine	0.01500	Inorganic Salts	(g/liter)
L-Phenylalanine	0.03250	CaCl ₂ (anhydrous)	0.20000
L-Proline	0.01150	MgSO ₄ (anhydrous)	0.09767
L-Serine	0.01050	KCl	0.40000
L-Threonine	0.04760	NaHCO ₃	1.50000
L-Tryptophan	0.01000	NaCl	6.80000
L-Tyrosine·2Na·2H ₂ O	0.05190	NaH ₂ PO ₄ ·H ₂ O	0.14000
L-Valine	0.04680		