



PurMa Biologics

Eagle's Minimal Essential Medium (EMEM)

Cat No: P3S010110

Standard

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-Glutamine	0.29200	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		
L-Phenylalanine	0.03250		
L-Proline	0.01150		
L-Serine	0.01050		
L-Threonine	0.04760		
L-Tryptophan	0.01000		
L-Tyrosine·2Na·2H ₂ O	0.05190		
L-Valine	0.04680		
Inorganic Salts	(g/liter)		
CaCl ₂ (anhydrous)	0.20000		
MgSO ₄ (anhydrous)	0.09767		
KCl	0.40000		
NaHCO ₃	1.50000		
NaCl	6.80000		
NaH ₂ PO ₄ ·H ₂ O	0.14000		