

Base Formulation of PurMa™ Chemically Defined GMEM

Cat #: P3A210772

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

Standard Formulation

Amino Acids	g/L	Vitamins	g/L
L-Arginine. HCl	0.084	choline chloride	0.003
L-Cystine. 2HCl	0.031	Folic Acid	0.001
		Niacinamide	0.001
L-Histidine.HCl.H2O	0.042	Para-Aminobenzoic Acid	0.001
L-Isoleucine	0.104	Pyridoxine hydrochloride	0.001
L-Leucine	0.104	Thiamine hydrochloride	0.001
L-Lysine. HCl	0.146	i-Inositol	0.035
L-Methionine	0.30	Vitamin B12	5X 10 ⁻⁶
L-Phenylalanine	0.66	Riboflavin	0.0002
L-Threonine	0.55	D-Calcium pantothenate	2.5 X 10 ⁻⁶
L-Tryptophan	0.016	Other Elements	g/L
L-Tyrosine.2Na.2H2O	0.052	D-Glucose	4.5
L-Valine	0.094	Phenol Red	0.015
Inorganic Salts	g/L	Sodium Pyruvate	0.11
CaCl2 (anhydrous)	0.2	Reducing Agents	g/L
Fe (NO3)3. 9H2O	0.0001	Glutathione, monosodium	0.001
MgSO4 (anhydrous)	0.098	Proteins	g/L
KCl	0.4	PurMa™ AlbuSup (Albumin)*	0.4
NaHCO3	2.75	Human Transferrin (Holo)	0.0075
NaCl	6.4	Insulin Recombinant Full Chain	0.010
NaH2PO4.H2O	0.124		
Trace Elements	g/liter		
Ammonium Metavanadate	0.3 X 10 ⁻⁶		
Cupric Sulfate	1.25 X 10 ⁻⁶		
Manganous Chloride	0.5 X 10 ⁻⁶		
Sodium Selenite	0.5 X 10 ⁻⁶		

*Chromatographically purified with IgG content <=0.1.0%.