PurMa Biologics, LLC

Base Formulation of PurMa™ Chemically Defined Minimum Essential Medium in Hanks' Buffer (CD MEM in HBSS)

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

Cat #: P3C310124

Standard Formulation

Amino Acids	g/liter	Vitamins	g/liter
L-Arginine· HCl	0.126	Choline Chloride	0.001
L-Cystine	0.024	Folic Acid	0.001
L-Alanyl-L-Glutamine	0.434	myo-Inositol	0.002
L-Histidine·HCl·H2O	0.042	Nicotinamide	0.001
L-Isoleucine	0.052	D-Calcium pantothenate	0.001
L-Leucine	0.052	Pyridoxine·HCl	0.001
L-Lysine·HCl	0.073	Riboflavin	0.0001
L-Methionine	0.015	Thiamine· HCl	0.001
L-Phenylalanine	0.032	**Others**	**g/liter**
L-Threonine	0.048	Phenol Red, Sodium Salt	0.010
L-Tryptophan	0.010	D-Glucose	1.0
L-Tyrosine	0.036		
L-Valine	0.046		
Inorganic Salts	**g/liter**		
CaCl2 (anhydrous)	0.140		
MgSO4 (anhydrous)	0.098		
KCl	0.4		
KH2PO4	0.060		
Sodium Bicarbonate (NaHCO3)	0.350		
Sodium Chloride (NaCl)	8.0		
NaH2PO4 (anhydrous)	0.048		