



Base Formulation of PurMa™ Chemically Defined BME in Hanks' Buffer (CD-BME in HBSS)

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

Cat #: P3C310892

Standard Formulation

Amino Acids	(g/liter)	Others	(g/liter)
L-Arginine· HCl	0.021	D-Glucose	1.000
L-Alanyl-L-Glutamine	0.434	Phenol Red, Sodium Salt	0.010
L-Cystine·2HCl	0.016	Vitamins	(g/Liter)
L-Histidine	0.008	Biotin	0.0010
L-Isoleucine	0.026	Choline Chloride	0.0010
L-Leucine	0.026	Folic Acid	0.0010
L-Lysine· HCl	0.03647	myo-Inositol	0.0020
L-Methionine	0.0075	Nicotinamide	0.0010
L-Phenylalanine	0.0165	D-Pantothenic Acid (hemicalcium)	0.0010
L-Threonine	0.024	Pyridoxine· HCl	0.0010
L-Tryptophan	0.004	Riboflavin	0.0001
L-Tyrosine·2Na·2H ₂ O	0.026	Thiamine· HCl	0.0010
L-Valine	0.0235	Inorganic Salts	(g/liter)
		CaCl ₂ (anhydrous)	0.140
		MgSO ₄ (anhydrous)	0.098
		KCl	0.4
		KH ₂ PO ₄	0.060
		Sodium Bicarbonate (NaHCO ₃)	0.35
		Sodium Chloride (NaCl)	8.0
		NaH ₂ PO ₄ (anhydrous)	0.048