



PurMa Biologics, LLC

Advanced Basal Medium Eagle in Hanks' Buffer

A-BME (HBSS)

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

Requires 2-5% FBS

Cat #: P3A410891

Standard Formulation

Amino Acids	g/liter	Proteins	g/liter
L-Arginine·HCl	0.021	PurMa™ AlbuSup (Albumin)	0.4
L-Alanine	0.00222	Human Transferrin (Holo)	0.0075
L-Asparagine	0.0033	Insulin Recombinant Full Chain	0.010
L-Cystine·2HCl	0.016	Vitamins	g/liter
L-Aspartic acid	0.00332	Choline Chloride	0.001
Glycine	0.00937	Folic Acid	0.001
L-Alanyl-L-Glutamine	0.434	myo-Inositol	0.002
L-Glutamic Acid	0.00367	Nicotinamide	0.001
L-Histidine	0.008	D-Pantothenic Acid (hemicalcium)	0.001
L-Isoleucine	0.026	Pyridoxine·HCl	0.001
L-Leucine	0.026	Riboflavin	0.0001
L-Lysine·HCl	0.03647	Thiamine·HCl	0.001
L-Methionine	0.0075	Biotin	0.001
L-Phenylalanine	0.0165	Ascorbic Acid phosphate	0.0025
L-Serine	0.013	Others	g/liter
L-Proline	0.00287	Phenol Red, Sodium Salt	0.010
L-Threonine	0.024	Sodium Pyruvate	0.11
L-Tryptophan	0.004	D-Glucose	1.000
L-Tyrosine·2Na·2H ₂ O	0.026	Ethanolamine	0.0019
L-Valine	0.0235	Reducing Agents	g/liter
Inorganic Salts	g/liter	Glutathione, monosodium	0.001
CaCl ₂ (anhydrous)	0.140	Trace Elements	g/liter
MgSO ₄ (anhydrous)	0.098	Ammonium Metavanadate	3X 10 ⁻⁷
KCl	0.4	Cupric Sulfate	1.25X 10 ⁻⁶
KH ₂ PO ₄	0.060	Manganous Chloride	5X 10 ⁻⁸
Sodium Bicarbonate (NaHCO ₃)	0.35	Sodium Selenite	5X 10 ⁻⁶
Sodium Chloride (NaCl)	8.0		
NaH ₂ PO ₄ (anhydrous)	0.048		

* Chromatographically purified with IgG content <=0.1.0%.