



PurMa Biologics, LLC

Minimum Essential Medium with Hanks' Buffer

MEM (HBSS)

Cat No: P3S410122

Standard Formulation

Amino Acids	g/liter	Vitamins	g/liter
L-Arginine·HCl	0.126	Choline Chloride	0.001
L-Cystine 2HCl	0.031	Folic Acid	0.001
L-Glutamine	0.292	myo-Inositol	0.002
L-Histidine·HCl·H ₂ O	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·2Na·2H ₂ O	0.052		
L-Valine	0.046		
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		