

Product Information

Minimal Essential Medium (MEM) with Earle's Salts, with Stable Glutamine

Catalog no: GBMEM03 / 03F

Specification

Appearance	Red Colored, Clear solution
рН	7.00 -7.60
Storage & Shelf Life	Store at $+2^{\circ}$ C to $+8^{\circ}$ C protected from light.
	Once opened, store at 4° C and use within 6-8
	weeks.
Shipping Conditions	Ambient

Formulation

mg/LComponentsVitamins:Amino Acids:Choline chloride1.00D-Calcium Pantothenate1.00Folic Acid1.00Folic Acid1.00Image: State	centration	Concentr	Components	Concentration	Components
Choline chloride1.00Annuo Actas.D-Calcium Pantothenate1.00L-Alanyl-L-GlutamineD-Calcium Pantothenate1.00L-Arginine HClFolic Acid1.00L-Cystine 2 HClmyo-Inositol2.00L-Histidine HCl H $_2$ ONicotinamide1.00L-IsoleucinePyridoxal HCl1.00L-LeucineRiboflavin0.10L-Lysine HClThiamine HCl1.00L-MethionineInorganic Salts:L-PhenylalanineCaCl_2 2 H $_2$ O265.00MgSO497.67KCl400.00NaHCO32200.00NaHCO32200.00NaH2PO4 (anhydrous)122.00	mg/L		- · · r · · · · · · ·	mg/L	
D-Calcium Pantothenate 1.00 L -Arginine HClFolic Acid 1.00 L -Arginine HClmyo-Inositol 2.00 L -Cystine 2 HClMicotinamide 1.00 L -IsoleucinePyridoxal HCl 1.00 L -LeucineRiboflavin 0.10 L -LeucineThiamine HCl 1.00 L -MethionineInorganic Salts: L -PhenylalanineCaCl ₂ 2 H ₂ O265.00 L -ThreonineMgSO ₄ 97.67 L -TryptophanKCl 400.00 L -Tyrosine 2 Na 2 H ₂ ONaHCO ₃ 2200.00 L -ValineNaCl 6800.00 122.00	8		Amino Acids:		
D-Calcium Pantothenate 1.00 L-Arginine HClFolic Acid 1.00 L-Cystine 2 HClmyo-Inositol 2.00 L-Histidine HCl H ₂ ONicotinamide 1.00 L-IsoleucinePyridoxal HCl 1.00 L-LeucineRiboflavin 0.10 L-Lysine HClThiamine HCl 1.00 L-MethionineInorganic Salts:L-PhenylalanineCaCl ₂ 2 H ₂ O265.00L-ThreonineMgSO ₄ 97.67 L-TryptophanKCl 400.00 L-Tyrosine 2 Na 2 H ₂ ONaHCO ₃ 2200.00 L-ValineNaCl 6800.00 122.00	434.00	43	L-Alanyl-L-Glutamine	1.00	
myo-Inositol 2.00 L-Cyshife 2 HClMicotinamide 1.00 L-Histidine HCl H ₂ OPyridoxal HCl 1.00 L-IsoleucineRiboflavin 0.10 L-LeucineThiamine HCl 1.00 L-MethionineInorganic Salts:L-PhenylalanineCaCl ₂ 2 H ₂ O265.00L-ThreonineMgSO ₄ 97.67L-TryptophanKCl 400.00 L-Tyrosine 2 Na 2 H ₂ ONaHCO ₃ 2200.00 L-ValineNaCl 6800.00 122.00	126.00	11	*		
myo-Inositol2.00L-Histidine HCl H_2O Nicotinamide1.00L-IsoleucinePyridoxal HCl1.00L-LeucineRiboflavin0.10L-Lysine HClThiamine HCl1.00L-MethionineInorganic Salts:L-PhenylalanineCaCl ₂ 2 H ₂ O265.00MgSO ₄ 97.67KCl400.00NaHCO ₃ 2200.00NaCl6800.00NaH ₂ PO ₄ (anhydrous)122.00	31.30			1.00	Folic Acid
Pyridoxal HCl1.00L-IsoleucineRiboflavin0.10L-LeucineThiamine HCl1.00L-Lysine HClInorganic Salts:L-PhenylalanineCaCl ₂ 2 H ₂ O265.00L-ThreonineMgSO ₄ 97.67L-ThreonineKCl400.00L-Tyrosine 2 Na 2 H ₂ ONaHCO ₃ 2200.00L-ValineNaCl6800.00122.00	42.00			2.00	myo-Inositol
Riboflavin0.10L-Lysine HClThiamine HCl1.00L-MethionineInorganic Salts:L-PhenylalanineCaCl ₂ 2 H ₂ O265.00L-ThreonineMgSO ₄ 97.67L-ThreonineKCl400.00L-Tyrosine 2 Na 2 H ₂ ONaHCO ₃ 2200.00L-ValineNaCl6800.00122.00	52.00		L-Isoleucine	1.00	Nicotinamide
Riboflavin 0.10 L-Lysine HClThiamine HCl 1.00 L-MethionineInorganic Salts:L-Phenylalanine $CaCl_2 2 H_2O$ 265.00 L-ThreonineMgSO497.67L-TryptophanKCl 400.00 L-Tyrosine 2 Na 2 H_2ONaHCO3 2200.00 L-ValineNaCl 6800.00 L2.00	52.00		L-Leucine	1.00	Pyridoxal HCl
Thiamine HCl 1.00 L-MethionineInorganic Salts:L-Phenylalanine $CaCl_2 2 H_2O$ 265.00 L-ThreonineMgSO497.67L-TryptophanKCl 400.00 L-Tyrosine 2 Na 2 H_2ONaHCO3 2200.00 L-ValineNaCl 6800.00 L-Valine	72.50			0.10	Riboflavin
Inorganic Salts:L-Phenylalanine $CaCl_2 2 H_2O$ 265.00L-ThreonineMgSO_497.67L-TryptophanKCl400.00L-Tyrosine 2 Na 2 H_2ONaHCO_32200.00L-ValineNaCl6800.00L-Valine	15.00			1.00	Thiamine HCl
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	32.00				Inorganic Salts:
MgSO4 97.67 L-Tryptophan KCl 400.00 L-Tyrosine 2 Na 2 H ₂ O NaHCO3 2200.00 L-Valine NaCl 6800.00 L-Valine	48.00			265.00	CaCl ₂ 2 H ₂ O
KCl 400.00 L-Tyrosine 2 Na 2 H ₂ O NaHCO ₃ 2200.00 L-Valine NaCl 6800.00 L-Valine NaH ₂ PO ₄ (anhydrous) 122.00 L-Valine	10.00			97.67	MgSO ₄
NaHCO3 2200.00 L-Valine NaCl 6800.00 NaH2PO4 (anhydrous) 122.00	51.90			400.00	KCl
NaCl 6800.00 NaH ₂ PO ₄ (anhydrous) 122.00	46.00			2200.00	NaHCO ₃
				6800.00	NaCl
Other Components:				122.00	NaH ₂ PO ₄ (anhydrous)
					Other Components:
D-Glucose 1000.00				1000.00	D-Glucose
Phenol Red Sodium Salt 11.0				11.0	Phenol Red Sodium Salt

Need Help?

If you have any further queries, please feel free to email our cell culture specialists at <u>info@genexisbiotech.com</u>

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified .Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.