



## Product Information

Minimal Essential Medium (MEM) Alpha Modification, with Nucleosides, w/o L-Glutamine

Catalog no: GBMEM04 / 04F

### Specification

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

### Formulation

Components	Concentration mg/L	Components	Concentration mg/L
<b>Vitamins:</b>		Phenol Red Sodium Salt	11.0
Ascorbic Acid Na	50.00	Sodium Pyruvate	110.00
D-Biotin	0.10	<b>Amino Acids:</b>	
Choline chloride	1.00	L-Alanine	25.00
D-Calcium Pantothenate	1.00	L-Arginine HCl	126.00
Folic Acid	1.00	L-Asparagine H <sub>2</sub> O	50.00
myo-Inositol	2.00	L-Aspartic Acid	30.00
Nicotinamide	1.00	L-Cysteine HCl H <sub>2</sub> O	100.00
Pyridoxal HCl	1.00	L-Cystine 2HCl	31.30
Riboflavin	0.10	L-Glutamic Acid	75.00
Thiamine HCl	1.00	Glycine	50.00
Vitamin B12	1.36	L-Histidine HCl H <sub>2</sub> O	42.00
<b>Inorganic Salts:</b>		L-Isoleucine	52.00
CaCl <sub>2</sub> 2 H <sub>2</sub> O	265.00	L-Leucine	52.00
MgSO <sub>4</sub> (anhydrous)	97.67	L-Lysine HCl	72.50
KCl	400.00	L-Methionine	15.00
NaHCO <sub>3</sub>	2200.00	L-Phenylalanine	32.00
NaCl	6800.00	L-Proline	40.00
Na <sub>2</sub> HPO <sub>4</sub> (anhydrous)	122.00	L-Serine	25.00
<b>Other Components:</b>		L-Threonine	48.00
Adenosine	10.00	L-Tryptophan	10.00
Cytidine	10.00	L-Tyrosine 2 Na H <sub>2</sub> O	51.90
Guanosine	10.00	L-Valine	46.00
Uridine	10.00		
2'-Deoxyadenosine	10.00		
2'-Deoxycytidine HCl	10.00		
2'-Deoxyguanosine	10.00		
Thymidine	10.00		
D-Glucose	1000.00		
Lipoic Acid	0.20		

### Need Help?

If you have any further queries, please feel free to email our cell culture specialists at [info@genexisbiotech.com](mailto:info@genexisbiotech.com)

#### 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.