

Product Information

Minimal Essential Medium (MEM) with Earle's Salts, with L-Glutamine
 Cat. No. MEM-A (500 ml)

Product Specifications

| | |
|--|---|
| Appearance | Clear red orange solution |
| CO ₂ concentration, optimum | 5.0 % |
| Storage and 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 |
|------------------------------------|--------------------|
| Amino Acids: | |
| L-Arginine HCl | 126.00 |
| L-Cystine 2 HCl | 31.30 |
| L-Glutamine | 292.00 |
| L-Histidine HCl H ₂ O | 42.00 |
| L-Isoleucine | 52.00 |
| L-Leucine | 52.00 |
| L-Lysine HCl | 72.50 |
| L-Methionine | 15.00 |
| L-Phenylalanine | 32.00 |
| L-Threonine | 48.00 |
| L-Tryptophan | 10.00 |
| L-Tyrosine 2 Na 2 H ₂ O | 51.90 |
| L-Valine | 46.00 |
| Vitamins: | |
| Choline Chloride | 1.00 |
| D-Calcium Pantothenate | 1.00 |

| Components | Concentration mg/L |
|--------------------------------------|--------------------|
| Folic Acid | 1.00 |
| myo-Inositol | 2.00 |
| Nicotinamide | 1.00 |
| Pyridoxal HCl | 1.00 |
| Riboflavin | 0.10 |
| Thiamine HCl | 1.00 |
| Inorganic Salts: | |
| CaCl ₂ 2 H ₂ O | 265.00 |
| KCl | 400.00 |
| MgSO ₄ | 97.67 |
| NaCl | 6800.00 |
| NaHCO ₃ | 2200.00 |
| NaH ₂ PO ₄ | 122.00 |
| Other Components: | |
| D-Glucose | 1000.00 |
| Phenol Red Sodium Salt | 11.00 |

Precautions and Disclaimer

The product is for research and further manufacturing only.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).