

Product Information

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

Product Specifications

| | |
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| 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. Do not freeze! 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-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 |
| Folic Acid | 1.00 |

| Components | Concentration mg/L |
|--|--------------------|
| 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 |
| MgSO ₄ | 97.67 |
| KCl | 400.00 |
| NaHCO ₃ | 2200.00 |
| NaCl | 6800.00 |
| NaH ₂ PO ₄ (anhydrous) | 122.00 |
| Other Components: | |
| D-Glucose | 1000.00 |
| Phenol Red Sodium Salt | 11.0 |

Precautions and Disclaimer

This product is for research use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

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).