

Neo MEM Alpha Modification, w/o L-Glutamine, with Nucleosides

#Cat: NB-58-0090 Size: 500ml

Product Information

Minimal Essential Medium (MEM) Alpha Modification, w/o L-Glutamine, with Nucleosides, sterile-filtered
Cat. No. NB-58-0090 (500 ml)

Product Specifications

| | |
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| Appearance | Clear red orange solution |
| CO₂ 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-Alanine | 25.00 |
| L-Arginine HCl | 126.00 |
| L-Asparagine H ₂ O | 50.00 |
| L-Aspartic Acid | 30.00 |
| L-Cysteine HCl H ₂ O | 100.00 |
| L-Cystine 2HCl | 31.30 |
| L-Glutamic Acid | 75.00 |
| Glycine | 50.00 |
| L-Histidine HCl H ₂ O | 42.00 |
| L-Isoleucine | 52.00 |
| L-Leucine | 52.00 |
| L-Lysine HC | 72.50 |
| L-Methionine | 15.00 |
| L-Phenylalanine | 32.00 |
| L-Proline | 40.00 |
| L-Serine | 25.00 |
| L-Threonine | 48.00 |
| L-Tryptophan | 10.00 |
| L-Tyrosine 2 Na H ₂ O | 51.90 |
| L-Valine | 46.00 |
| Vitamins: | |
| Ascorbic Acid Na | 50.00 |
| D-Biotin | 0.10 |
| Choline chloride | 1.00 |

| | |
|--|---------|
| D-Calcium Pantothenate | 1.00 |
| Folic Acid | 1.00 |
| myo-Inositol | 2.00 |
| Nicotinamide | 1.00 |
| Pyridoxal HCl | 1.00 |
| Riboflavin | 0.10 |
| Thiamine HCl | 1.00 |
| Vitamin B ₁₂ | 1.36 |
| Inorganic Salts: | |
| CaCl ₂ 2 H ₂ O | 265.00 |
| MgSO ₄ (anhydrous) | 97.67 |
| KCl | 400.00 |
| NaHCO ₃ | 2200.00 |
| NaCl | 6800.00 |
| Na ₂ HPO ₄ (anhydrous) | 122.00 |
| Other Components: | |
| Adenosine | 10.00 |
| Cytidine | 10.00 |
| Guanosine | 10.00 |
| Uridine | 10.00 |
| 2'-Deoxyadenosine | 10.00 |
| 2'-Deoxycytidine HCl | 11.00 |
| 2'-Deoxyguanosine | 10.00 |
| Thymidine | 10.00 |
| D-Glucose | 1000.00 |
| Lipoic Acid | 0.20 |
| Phenol Red Sodium Salt | 11.0 |
| Sodium Pyruvate | 110.00 |

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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 (www.neo-biotech.com) or phone (+33 9 77 40 09 09).