

Specification

Product #: M 3205

Description: MEM Eagle, 500 ml

Specification: w: EBSS, w/o: L-Glutamine, w: 2,2 g/l NaHCO₃

Storage: 2°C - 8°C

Testings

Acceptance Criteria

pH Value

Osmolality

Incubation at 32°C

Incubation at 20°C

Accepted Result

7.0 - 7.6

280 - 310 mOsm/kg

Sterile

Sterile

Composition

Amino Acids

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|--------------------------------------|-------------|
| L-Arginine x HCl | 126.00 mg/L |
| L-Cystine | 24.00 mg/L |
| L-Glutamine | 0.00 mg/L |
| L-Histidine x HCl x H ₂ O | 42.00 mg/L |
| L-Isoleucine | 52.00 mg/L |
| L-Leucine | 52.00 mg/L |
| L-Lysine x HCl | 72.50 mg/L |
| L-Methionine | 15.00 mg/L |
| L-Phenylalanine | 32.00 mg/L |
| L-Threonine | 48.00 mg/L |
| L-Tryptophan | 10.00 mg/L |
| L-Tyrosine | 36.00 mg/L |
| L-Valine | 46.00 mg/L |

Inorganic Salts

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| Calcium chloride x 2H ₂ O | 264.92 mg/L |
| Magnesium sulfate | 97.67 mg/L |
| Potassium chloride | 400.00 mg/L |
| Sodium chloride | 6,800.00 mg/L |
| Sodium dihydrogen phosphate x H ₂ O | 140.00 mg/L |

Other Components

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|--------------|---------------|
| D(+)-Glucose | 1,000.00 mg/L |
| Phenol red | 10.00 mg/L |

Vitamins

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| Choline chloride | 1.00 mg/L |
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|------------------------|---------------|
| D-Calcium pantothenate | 1.00 mg/L |
| Folic acid | 1.00 mg/L |
| myo-Inositol | 2.00 mg/L |
| NaHCO ₃ | 2,200.00 mg/L |
| Nicotinamide | 1.00 mg/L |
| Pyridoxal x HCl | 1.00 mg/L |
| Riboflavin | 0.10 mg/L |
| Thiamine x HCl | 1.00 mg/L |