

Specification

Product #: M 2207

Description: IMDM, w/o: L-Glutamine, w: 3,024 g/l NaHCO₃, 500 ml

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Storage: 2°C - 8°C

Testings

Acceptance Criteria

pH Value

Osmolality

Incubation at 32°C

Incubation at 20°C

Accepted Result

6.9 - 7.5

260 - 290 mOsm/kg

Sterile

Sterile

Composition

Amino Acids

Glycine	30.0000 mg/L
L-Alanine	25.0000 mg/L
L-Arginine x HCl	84.0000 mg/L
L-Asparagine x H ₂ O	28.4000 mg/L
L-Aspartic acid	30.0000 mg/L
L-Cystine x 2HCl	91.2400 mg/L
L-Glutamic acid	75.0000 mg/L
L-Glutamine	0.0000 mg/L
L-Histidine x HCl x H ₂ O	42.0000 mg/L
L-Isoleucine	105.0000 mg/L
L-Leucine	105.0000 mg/L
L-Lysine x HCl	146.0000 mg/L
L-Methionine	30.0000 mg/L
L-Phenylalanine	66.0000 mg/L
L-Proline	40.0000 mg/L
L-Serine	42.0000 mg/L
L-Threonine	95.0000 mg/L
L-Tryptophan	16.0000 mg/L

Inorganic Salts

Calcium chloride anhydrous	165.0000 mg/L
Magnesium sulfate anhydrous	97.6600 mg/L
Potassium chloride	330.0000 mg/L
Potassium nitrate	0.0800 mg/L
Sodium chloride	5,005.0000 mg/L
Sodium dihydrogen phosphate x H ₂ O	125.0000 mg/L
Sodium selenite x 5H ₂ O	0.0100 mg/L

L-Tyrosine x 2Na x 2H₂O 10420

L-Valine	94.0000 mg/L
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Other Components

D(+)-Glucose anhydrous	4,500.0000 mg/L
Phenol red	15.0000 mg/L
Sodium pyruvate	110.0000 mg/L

Vitamins

Choline chloride	4.0000 mg/L
D(+)-Biotin	0.0100 mg/L
D-Calcium pantothenate	4.0000 mg/L
Folic acid	4.0000 mg/L
myo-Inositol	7.2000 mg/L
NaHCO ₃	3,024.0000 mg/L
Nicotinamide	4.0000 mg/L
Pyridoxine x HCl	4.0000 mg/L
Riboflavin	0.0400 mg/L
Thiamine x HCl	4.0000 mg/L
Vitamin B12	0.0100 mg/L