

Specification

Product #: M 1521

Description: DMEM (10x) Medium (w/o NaHCO₃, with 4,5 g/l D-Glucose, w/o L-Glu, 500 ml

Specification: (w/o NaHCO₃, with 4,5 g/l D-Glucose, w/o L-Glutamine, w/o Na-Pyruvate)

Storage: 2°C - 8°C

Testings

Acceptance Criteria

Accepted Result

Composition

Inorganic Salts

Calcium chloride anhydrous	200.0000 mg/L
Iron (III) nitrate x 9H ₂ O	0.1000 mg/L
Magnesium sulfate anhydrous	97.6600 mg/L
Potassium chloride	400.0000 mg/L
Sodium chloride	6,400.0000 mg/L

Other Components

Amino acids L-Arginine x HCl	84.0000 mg/L
D-Glucose	4,500.0000 mg/L
Glycine	30.0000 mg/L
L-Cystine x 2HCl	62.5800 mg/L
L-Histidine x HCl x H ₂ O	42.0000 mg/L
L-Isoleucine	104.8000 mg/L
L-Leucine	104.8000 mg/L
L-Lysine x HCl	146.2000 mg/L
L-Methionine	30.0000 mg/L
L-Phenylalanine	66.0000 mg/L
L-Serine	42.0000 mg/L
L-Threonine	95.2000 mg/L
Phenol red	15.0000 mg/L

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L-Tryptophan	16.0000 mg/L
L-Tyrosine x Na	103.7900 mg/L
L-Valine	93.6000 mg/L

Sodium dihydrogen phosphate

anhydrous	108.6900 mg/L
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Vitamins

Choline chloride	4.0000 mg/L
D-Calcium pantothenate	4.0000 mg/L
Folic acid	4.0000 mg/L
myo-Inositol	7.0000 mg/L
Nicotinamide	4.0000 mg/L
Pyridoxine x HCl	4.0000 mg/L
Riboflavin	0.4000 mg/L
Thiamine x HCl	4.0000 mg/L