

Specification

Product #: M 3206

Description: MEM Eagle w: EBSS, w/o: L-Glutamine, w: 25 mM HEPES, w: 2,2 g/l NaHCO₃, 500 ml

Specification: w/o: L-Glutamine w: 25 mM HEPES 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

Performance

Accepted Result

7.0 - 7.6

280 - 310 mOsm/kg

Sterile

Sterile

Cell Growth

Composition

Amino Acids

L-Arginine x HCl	126.0000 mg/L
L-Cystine	24.0000 mg/L
L-Glutamine	0.0000 mg/L
L-Histidine x HCl x H ₂ O	42.0000 mg/L
L-Isoleucine	52.0000 mg/L
L-Leucine	52.0000 mg/L
L-Lysine x HCl	72.5000 mg/L
L-Methionine	15.0000 mg/L
L-Phenylalanine	32.0000 mg/L
L-Threonine	48.0000 mg/L
L-Tryptophan	10.0000 mg/L
L-Tyrosine	36.0000 mg/L
L-Valine	46.0000 mg/L

Inorganic Salts

Calcium chloride x 2H ₂ O	264.9200 mg/L
Magnesium sulfate	97.6700 mg/L
Potassium chloride	400.0000 mg/L
Sodium chloride	6,300.0000 mg/L
Sodium dihydrogen phosphate x H ₂ O	140.0000 mg/L

Other Components

D(+)-Glucose	1,000.0000 mg/L
HEPES	5,958.0000 mg/L
Phenol red	10.0000 mg/L

Vitamins

Choline chloride	1.0000 mg/L
D-Calcium pantothenate	1.0000 mg/L
Folic acid	1.0000 mg/L
myo-Inositol	2.0000 mg/L
NaHCO ₃	2,200.0000 mg/L
Nicotinamide	1.0000 mg/L
Pyridoxal x HCl	1.0000 mg/L
Riboflavin	0.1000 mg/L
Thiamine x HCl	1.0000 mg/L