

Specification

Product #: M 1803

Description: Glasgow-MEM (BHK 21), 500 ml

Specification: w/o: L-Glutamine, w/o: Tryptose phosphate, w: 2,75 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

290 - 330 mOsm/kg

Sterile

Sterile

Cell Growth

Composition

Amino Acids

L-Arginine x HCl	42.00 mg/L
L-Cystine	42.00 mg/L
L-Glutamine	0.00 mg/L
L-Histidine x HCl x H ₂ O	21.00 mg/L
L-Isoleucine	52.40 mg/L
L-Leucine	52.40 mg/L
L-Lysine x HCl	73.10 mg/L
L-Methionine	15.00 mg/L
L-Phenylalanine	33.00 mg/L
L-Threonine	47.60 mg/L
L-Tryptophan	8.00 mg/L
L-Tyrosine	36.20 mg/L
L-Valine	46.80 mg/L

Inorganic Salts

Calcium chloride x 2H ₂ O	264.92 mg/L
Iron (III) nitrate x 9H ₂ O	0.10 mg/L
Magnesium sulfate anhydrous	97.67 mg/L
Potassium chloride	400.00 mg/L
Sodium chloride	6,400.00 mg/L
Sodium dihydrogen phosphate x H ₂ O	124.00 mg/L

Other Components

D(+)-Glucose anhydrous	4,500.00 mg/L
NaHCO ₃	2,750.00 mg/L
Phenol red	15.00 mg/L

Vitamins

Choline chloride	2.00 mg/L
D-Calcium pantothenate	2.00 mg/L
Folic acid	2.00 mg/L
myo-Inositol	3.60 mg/L
Nicotinamide	2.00 mg/L
Pyridoxal x HCl	2.00 mg/L
Riboflavin	0.20 mg/L
Thiamine x HCl	2.00 mg/L