

Specification

Product #: M 2601

Description: M199 w: EBBS, w/o L-Glutamine, w: 2,2 g/l NaHCO₃, 500 ml

Specification: w/o: L-Glutamine w: 2.2 g/L NaHCO₃

Storage: 2°C - 8°C

Testings

Acceptance Criteria

Accepted Result

pH Value	7.0 - 7.6
Osmolality	270 - 300 mOsm/kg
Incubation at 32°C	Sterile
Incubation at 20°C	Sterile

Composition

Amino Acids

Glycine	50.0000 mg/L
L-Alanine	25.0000 mg/L
L-Arginine x HCl	70.0000 mg/L
L-Aspartic acid	30.0000 mg/L
L-Cysteine x HCl x H ₂ O	0.1000 mg/L
L-Cystine	20.0000 mg/L
L-Glutamic acid	67.0000 mg/L
L-Glutamine	0.0000 mg/L
L-Histidine x HCl x H ₂ O	21.8800 mg/L
L-Hydroxyproline	10.0000 mg/L
L-Isoleucine	20.0000 mg/L
L-Leucine	60.0000 mg/L
L-Lysine x HCl	70.0000 mg/L
L-Methionine	15.0000 mg/L
L-Phenylalanine	25.0000 mg/L
L-Proline	40.0000 mg/L
L-Serine	25.0000 mg/L
L-Threonine	30.0000 mg/L
L-Tryptophan	10.0000 mg/L
L-Tyrosine	40.0000 mg/L
L-Valine	25.0000 mg/L

Inorganic Salts

Calcium chloride x 2H ₂ O	264.9200 mg/L
Iron (III) nitrate x 9H ₂ O	0.7200 mg/L
Magnesium sulfate	97.6700 mg/L
Potassium chloride	400.0000 mg/L
Sodium acetat x 3H ₂ O	82.9500 mg/L
Sodium chloride	6,800.0000 mg/L

Sodium dihydrogen phosphate x H₂O

140.0000 mg/L

Other Components

2'-Deoxyribose	0.5000 mg/L
Adenine sulfate	10.0000 mg/L
AMP	0.2000 mg/L
ATP	1.0000 mg/L
Cholesterol	0.2000 mg/L
D(+)-Glucose anhydrous	1,000.0000 mg/L
D-Ribose	0.5000 mg/L
Glutathione (red.)	0.0500 mg/L
Guanine x HCl	0.3000 mg/L
Hypoxanthine	0.3000 mg/L
Phenol red	10.0000 mg/L
Thymine	0.3000 mg/L
Tween 80	4.9000 mg/L
Uracil	0.3000 mg/L
Xanthine	0.3000 mg/L

Vitamins

4-Amino benzoic acid	0.0500 mg/L
Ascorbic acid	0.0500 mg/L
Calciferol	0.1000 mg/L
Choline chloride	0.5000 mg/L
D(+)-Biotin	0.0100 mg/L
D-Calcium pantothenate	0.0100 mg/L
DL- α -Tocopherol phosphate disodium salt	0.0100 mg/L
Folic acid	0.0100 mg/L
Menadione	0.0100 mg/L
myo-Inositol	0.0500 mg/L
NaHCO ₃	2,200.0000 mg/L
Nicotinamide	0.0300 mg/L
Nicotinic acid	0.0300 mg/L
Pyridoxal x HCl	0.0300 mg/L
Pyridoxol x HCl	0.0300 mg/L
Riboflavin	0.0100 mg/L
Thiamine x HCl	0.0100 mg/L
Vitamine A acetate	0.1400 mg/L