

Specification

Product #: M 3413

Description: RPMI 1640, 500 ml

Specification: w/o: L-Glutamine, w: 2,0 g/l NaHCO₃

Storage: 2°C - 8°C

Testings

Acceptance Criteria

pH Value

Osmolality

Incubation at 32°C

Incubation at 20°C

Accepted Result

7.0 - 7.6

260 - 290 mOsm/kg

Sterile

Sterile

Composition

Amino Acids

Glycine	10.00 mg/L
L-Arginine x HCl	241.86 mg/L
L-Asparagine x H ₂ O	50.00 mg/L
L-Aspartic acid	20.00 mg/L
L-Cystine x 2HCl	65.19 mg/L
L-Glutamic acid	20.00 mg/L
L-Glutamine	0.00 mg/L
L-Histidine x HCl x H ₂ O	20.27 mg/L
L-Hydroxyproline	20.00 mg/L
L-Isoleucine	50.00 mg/L
L-Leucine	50.00 mg/L
L-Lysine x HCl	40.00 mg/L
L-Methionine	15.00 mg/L
L-Phenylalanine	15.00 mg/L
L-Proline	20.00 mg/L
L-Serine	30.00 mg/L
L-Threonine	20.00 mg/L
L-Tryptophan	5.00 mg/L
L-Tyrosine x 2Na	28.83 mg/L
L-Valine	20.00 mg/L

Inorganic Salts

Calcium nitrate x 4H ₂ O	100.00 mg/L
di-Sodium hydrogen phosphate	800.49 mg/L
Magnesium sulfate anhydrous	48.83 mg/L
Potassium chloride	400.00 mg/L
Sodium chloride	6,000.00 mg/L

Other Components

D(+)-Glucose anhydrous	2,000.00 mg/L
Glutathion (red.)	1.00 mg/L
NaHCO ₃	2,000.00 mg/L
Phenol red	5.00 mg/L

Vitamins

Choline chloride	3.00 mg/L
D-(+)-Biotin	0.20 mg/L
D-Calcium pantothenate	0.25 mg/L
Folic acid	1.00 mg/L
myo-Inositol	35.00 mg/L
Nicotinamide	1.00 mg/L
p-Aminobenzoic acid	1.00 mg/L
Pyridoxine x HCl	1.00 mg/L
Riboflavin	0.20 mg/L
Thiamine x HCl	1.00 mg/L
Vitamine B12	0.01 mg/L