

Specification

Product #: M 2027

Description: Ham's F12 Medium, w: stab. Glutamine, w: 1,176 g/l NaHCO₃, 500 ml

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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

280 - 310 mOsm/kg

Sterile

Sterile

Composition

Amino Acids

Glycine	7.5100 mg/L
L-Alanine	8.9100 mg/L
L-Arginine x HCl	210.7000 mg/L
L-Asparagine x H ₂ O	15.0100 mg/L
L-Aspartic acid	13.3100 mg/L
L-Cysteine x HCl x H ₂ O	35.1200 mg/L
L-Glutamic acid	14.7100 mg/L
L-Glutamine stable	217.8400 mg/L
L-Histidine x HCl x H ₂ O	20.9600 mg/L
L-Isoleucine	3.9400 mg/L
L-Leucine	13.1200 mg/L
L-Lysine x HCl	36.5400 mg/L
L-Methionine	4.4800 mg/L
L-Phenylalanine	4.9600 mg/L
L-Proline	34.5300 mg/L
L-Serine	10.5100 mg/L
L-Threonine	11.9100 mg/L
L-Tryptophan	2.0400 mg/L
L-Tyrosine	5.4400 mg/L
L-Valine	11.7100 mg/L

Inorganic Salts

Calcium chloride anhydrous	33.3000 mg/L
Copper(II) sulfate x 5H ₂ O	0.0000 mg/L
di-Sodium hydrogen phosphate anhydrous	142.0400 mg/L
Iron (II) sulfate x 7H ₂ O	0.8300 mg/L
Magnesium chloride x 6H ₂ O	122.0000 mg/L
Potassium chloride	223.6500 mg/L
Sodium chloride	7,599.9000 mg/L

Zinc sulfate x 7H₂O

0.0300 mg/L

Other Components

D(+)-Glucose anhydrous	1,801.6000 mg/L
DL- α -Lipoic acid	0.2100 mg/L
Hypoxanthine	4.0800 mg/L
Linoleic acid	0.0800 mg/L
Phenol red	1.2000 mg/L
Putrescine x 2HCl	0.1600 mg/L
Sodium pyruvate	110.0000 mg/L
Thymidine	0.7300 mg/L

Vitamins

Choline chloride	13.9600 mg/L
D(+)-Biotin	0.0100 mg/L
D-Calcium pantothenate	0.2400 mg/L
Folic acid	1.3200 mg/L
myo-Inositol	18.0000 mg/L
NaHCO ₃	1,176.0000 mg/L
Nicotinamide	0.0400 mg/L
Pyridoxine x HCl	0.0600 mg/L
Riboflavin	0.0400 mg/L
Thiamine x HCl	0.3400 mg/L
Vitamin B12	1.3600 mg/L