

Ham's F-12

Product Number HFL05-500ML

With L-glutamine. No phenol red.

Components	mg/L
Biotin (C ₁₀ H ₁₆ N ₂ O ₃ S)	0.0070
Calcium Chloride, Anhydrous (CaCl ₂)	33.2000
Choline Chloride	14.0000
Cupric Sulfate, Pentahydrate (CuSO ₄ · 5H ₂ O)	0.0020
D-Calcium Pantothenate (C ₁₈ H ₃₂ CaN ₂ O ₁₀)	0.5000
D-Glucose, Anhydrous (C ₆ H ₁₂ O ₆)	1802.0000
Ferrous Sulfate, Heptahydrate (FeSO ₄ · 7H ₂ O)	0.8300
Folic Acid (C ₁₉ H ₁₉ N ₇ O ₆)	1.3000
Glycine (C ₂ H ₅ NO ₂)	7.5000
Hypoxanthine, Sodium (C ₅ H ₃ N ₄ O · Na)	4.7000
L-Alanine (C ₃ H ₇ NO ₂)	8.9000
L-Arginine (C ₆ H ₁₄ N ₄ O ₂)	211.0000
L-Asparagine, Monohydrate (C ₄ H ₈ N ₂ O ₃ · H ₂ O)	15.0000
L-Aspartic Acid (C ₄ H ₇ NO ₄)	13.0000
L-Cysteine, Hydrochloride, Monohydrate (C ₃ H ₇ NO ₂ · HCl · H ₂ O)	35.0000
L-Glutamic Acid (C ₅ H ₉ NO ₄)	14.7000
L-Glutamine (C ₅ H ₁₀ N ₂ O ₃)	146.0000
L-Histidine, Hydrochloride, Monohydrate (C ₆ H ₉ N ₃ O ₂ · HCl · H ₂ O)	21.0000
L-Isoleucine (C ₆ H ₁₃ NO ₂)	4.0000
L-Leucine (C ₆ H ₁₃ NO ₂)	13.0000
L-Lysine, Hydrochloride (C ₆ H ₁₄ N ₂ O ₂ · HCl)	36.5000
L-Methionine (C ₅ H ₁₁ NO ₂ S)	4.5000
L-Phenylalanine (C ₉ H ₉ NO ₂)	5.0000

L-Proline (C ₅ H ₉ NO ₂)	34.5000
L-Serine (C ₃ H ₇ NO ₃)	10.5000
L-Threonine (C ₄ H ₉ NO ₃)	12.0000
L-Tryptophan (C ₁₁ H ₁₂ N ₂ O ₂)	2.0000
L-Tyrosine, Disodium, Dihydrate (C ₉ H ₉ NO ₃ Na ₂ · 2H ₂ O)	7.8000
L-Valine (C ₅ H ₁₁ NO ₂)	11.7000
Linoleic Acid (C ₁₈ H ₃₂ O ₂)	0.0800
Lipoic Acid (DL-Thiolic Acid) (C ₈ H ₁₄ O ₂ S ₂)	0.2100
Myo-Inositol (C ₆ H ₁₂ O ₆)	18.0000
Niacinamide (C ₆ H ₆ N ₂ O)	0.0400
Potassium Chloride (KCl)	223.6000
Putrescine, Dihydrochloride (C ₄ H ₁₂ N ₂ · 2HCl)	0.1600
Pyridoxine, Hydrochloride (C ₈ H ₁₁ NO ₃ · HCl)	0.0600
Pyruvic Acid, Sodium Salt (C ₃ H ₃ NaO ₃)	110.0000
Riboflavin (C ₁₇ H ₂₀ N ₄ O ₆)	0.0400
Sodium Bicarbonate (NaHCO ₃)	1176.0000
Sodium Chloride (NaCl)	7599.0000
Sodium Phosphate Dibasic, Anhydrous (Na ₂ HPO ₄)	142.0000
Thiamine, Hydrochloride (C ₁₂ H ₁₇ ClN ₄ OS · HCl)	0.3000
Thymidine (C ₁₀ H ₁₄ N ₂ O ₅)	0.7000
Zinc Sulfate, Heptahydrate (ZnSO ₄ · 7H ₂ O)	0.8600