

Ham's F-12 Medium Ingredient Formula

Ingredient(mg/L) / Cat. No.	PM150810P
CaCl2 (Anhydrous)	33.3
CuSO4•5H2O	0.0025
FeSO4•7H2O	0.834
MgCl2 (Anhydrous)	57.22
KCl	223.6
NaHCO3	–
NaCl	7599
Na2HPO4 (Anhydrous)	142
ZnSO4•7H2O	0.863
L-Alanyl-L-Glutamine	–
Glycine	7.5
L-Alanine	9
L-Arginine Hydrochloride	211
L-Asparagine Monohydrate	15.01
L-Aspartic Acid	13.3
L-Cysteine Hydrochloride Monohydrate	35.12
L-Glutamic Acid	14.7
L-Glutamine	146
L-Histidine Hydrochloride Monohydrate	21
L-Isoleucine	3.94
L-Leucine	13.1
L-Lysine Hydrochloride	36.5
L-Methionine	4.48
L-Phenylalanine	4.96
L-Proline	34.5
L-Serine	10.5
L-Threonine	11.9
L-Tryptophan	2.04
L-Tyrosine Disodium Salt Dihydrate	7.78
L-Valine	11.7
Biotin	0.0073
Choline Chloride	13.96
D-Calcium Pantothenate	0.48
Folic Acid	1.32
Niacinamide	0.037
Pyridoxine Hydrochloride	0.062
Riboflavin	0.038
Thiamine Hydrochlorid	0.34
Vitamin B12	1.36
Meso-inositol	18
D-Glucose	1802
Thymidine	0.73
Hypoxanthine Sodium	4.77
Linoleic Acid	0.084
Lipoic Acid	0.21
Putrescine Dihydrochloride	0.161
Sodium Pyruvate	110
HEPES	–
Phenol Red	1.2
Penicillin G Sodium Salt	–
Streptomycin Sulfate	–