

HAM'S F-10	Liquid	Powder
Catalog Nos.	9056	9434
Component	mg/L	mg/L
Sodium Chloride	7400	7400
Potassium Chloride	285	285
Potassium Phosphate, monobasic KH_2PO_4	83	83
Glucose	1100	1100
L-Alanine	9	9
L-Arginine HCl	211	211
L-Asparagine•H ₂ O	15	15
L-Aspartic Acid	13	13
L-Cysteine HCL•H ₂ O	35	35
L-Glutamic Acid	15	15
L-Glutamine	—	146
Glycine	7	7
L-Histidine HCl • H ₂ O	21	21
L-Isoleucine	3	3
L-Leucine	13	13
L-Lysine HCl	29	29
L-Methionine	4	4
L-Phenylalanine	5	5
L-Proline	12	12
L-Serine	11	11
L-Threonine	4	4
L-Tryptophan	1	1
L-Tyrosine 2Na • 2H ₂ O	3	3
L-Valine	4	4
Folic Acid	1	1
Phenol Red, Na salt	1	1
Hypoxanthine, 2 Na salt	5.4	5.4
Vitamin B-12	1.36	1.36
d-Biotin	0.024	0.024
Inositol	0.541	0.541
Pantothenic Acid, Ca salt	0.715	0.715
Pyridoxine HCl	0.206	0.206
Nicotinic Acid Amide	0.615	0.615
Riboflavin	0.376	0.376
Thiamine HCl	1.012	1.012
Thioctic Acid, D-L	0.206	0.206
Thymidine	0.727	0.727
Cupric Sulfate $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	0.0025	0.0025
Ferrous Sulfate $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$	0.834	0.834
Zinc Sulfate $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$	0.0288	0.0288
Pyruvic Acid, Na salt	110	110
Sodium Phosphate, dibasic Na_2HPO_4 anhyd.	153.6	153.6
Calcium Chloride, anhyd.	33.3	33.3
Magnesium Sulfate, anhyd. MgSO_4	74.6	74.6
Choline Chloride	0.70	0.70
Sodium Bicarbonate	1200	—
Add: L-Glutamine (200 mM) Sodium Bicarbonate	5 mL/L —	— 1200
Grams of powder required per 1 L liquid media	—	9.814