

Product Information

Ham's F-10, with L-Glutamine
Cat. No. HAM-10-A (500 ml)

Product Specifications

Appearance	Clear red orange solution
CO ₂ concentration, optimum	5%
Storage and shelf life	Store at +2°C to +8°C protected from light. Once opened, store at 4° C and use within 6-8 weeks.
Shipping conditions	Ambient

Formulation

Components	Concentration mg/L
Amino Acids:	
L-Alanine	8.91
L-Arginine HCl	211.00
L-Asparagine H ₂ O	15.01
L-Aspartic Acid	13.30
L-Cysteine HCl H ₂ O	35.13
Glycine	7.51
L-Glutamine	146.00
L-Glutamic Acid	14.70
L-Histidine HCl H ₂ O	21.00
L-Isoleucine	2.60
L-Leucine	13.10
L-Lysine HCl	29.30
L-Methionine	4.48
L-Phenylalanine	4.96
L-Proline	11.50
L-Serine	10.50
L-Threonine	3.57
L-Tryptophan	0.60
L-Tyrosine 2 Na 2 H ₂ O	2.61
L-Valine	3.50
Vitamins:	
D-Biotin	0.024
Choline chloride	0.698
D-Calcium Pantothenate	0.715
Folic Acid	1.32
myo-Inositol	0.541
Nicotinamide	0.615

Components	Concentration mg/L
Pyridoxine HCl	0.206
Riboflavin	0.376
Thiamine HCl	1.00
Vitamin B12	1.36
Inorganic Salts:	
CaCl ₂ 2 H ₂ O	44.10
CuSO ₄ 5 H ₂ O	0.0025
FeSO ₄ 7 H ₂ O	0.834
MgSO ₄	74.64
KCl	285.00
KH ₂ PO ₄	83.00
NaHCO ₃	1200.00
NaCl	7400.00
Na ₂ HPO ₄	153.70
ZnSO ₄ 7 H ₂ O	0.0288
Other Components:	
D-Glucose	1100.00
Hypoxanthine	4.08
Lipoic acid	0.21
Phenol Red Sodium Salt	1.3
Sodium Pyruvate	110.00
Thymidine	0.73

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Precautions and Disclaimer

This product is for research and further manufacturing use only.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).