



## Ham's F-10, w HEPES Composition

Cat No. BR-E71-2

INGRIDIENT	mg / L
<b>AMINO ACID</b>	
Glycine	7.5
L-Alanine	9
L-Arginine hydrochloride	211
L-Asparagine monohydrate	15
L-Aspartic Acid	13
L-Cysteine Hydrochloride Hydrate	25
L-Glutamic Acid	14.7
L-Glutamine	146
L-Histidine hydrochloride monohydrate	23
L-Isoleucine	2.6
L-Leucine	13
L-Lysine hydrochloride	29
L-Methionine	4.5
L-Phenylalanine	5
L-Proline	11.5
L-Serine	10.5
L-Threonine	3.6
L-Tryptophan	0.6
L-Tyrosine disodium salt monohydrate	2.62
L-Valine	3.5
<b>VITAMINS</b>	
D-Biotin	0.024
Choline Chloride	0.7
D-Pantothenate Acid Calcium Salt	0.7
Folic Acid	1.3
Niacinamide	0.6
Pyridoxine • HCl	0.2
Riboflavin	0.4
Thiamine • HCl	1
Vitamin B <sub>12</sub>	1.4
i-Inositol	0.5
<b>INORGANIC SALTS</b>	
Calcium Chloride (CaCl <sub>2</sub> )	33.3
Cupric sulfate • 5H <sub>2</sub> O (CuSO <sub>4</sub> • 5H <sub>2</sub> O)	0.0025
Ferric sulfate • 7H <sub>2</sub> O (FeSO <sub>4</sub> • 7H <sub>2</sub> O)	0.834
Magnesium Sulfate (MgSO <sub>4</sub> )	74.62
Potassium Chloride (KCl)	285
Potassium Phosphate Monobasic (KH <sub>2</sub> PO <sub>4</sub> )	83
Sodium Chloride (NaCl)	7400
Sodium Phosphate Dibasic (Na <sub>2</sub> HPO <sub>4</sub> )	153
Zinc Sulfate • 7H <sub>2</sub> O	0.03
Sodium Bicarbonate	1200
<b>OTHER COMPONENTS</b>	
D-Glucose	1100
HEPES	5958
Hypoxanthine • Na	4.7
Lipoic Acid	0.2
Phenol Red • Na	1.2
Sodium Pyruvate	110
Thymidine	0.7