

HAM'S F12 (F12 Nutrient Medium) - Formulation

| | Ham's F12 (F-12 Nutrient Medium) | SLH-530-500 Liquid mg/l | SLH-531-500 Liquid mg/l | SPH-110-1L Powder mg/l |
|------------------------------------|---|-------------------------------|-------------------------------|------------------------------|
| Amino Acids | Glycine | 7,51 | 7,51 | 7,51 |
| | L-Alanine | 9 | 9 | 9 |
| | L-Arginine Monohydrochloride | 211 | 211 | 211 |
| | L-Asparagine Monohydrate | 15,01 | 15,01 | 15,01 |
| | L-Aspartic Acid | 13,3 | 13,3 | 13,3 |
| | L-Cysteine Monohydrochloride Monohydrate | 35 | 35 | 35 |
| | L-Glutamic Acid | 14,7 | 14,7 | 14,7 |
| | L-Glutamine | 146 | / | 146 |
| | L-Histidine Monohydrochloride Monohydrate | 20,96 | 20,96 | 20,96 |
| | L-Isoleucine | 3,94 | 3,94 | 3,94 |
| | L-Leucine | 13,1 | 13,1 | 13,1 |
| | L-Lysine Monohydrochloride | 36,5 | 36,5 | 36,5 |
| | L-Methionine | 4,48 | 4,48 | 4,48 |
| | L-Phenylalanine | 4,96 | 4,96 | 4,96 |
| | L-Proline | 34,5 | 34,5 | 34,5 |
| | L-Serine | 10,5 | 10,5 | 10,5 |
| | L-Threonine | 11,9 | 11,9 | 11,9 |
| L-Tryptophan | 2,04 | 2,04 | 2,04 | |
| L-Tyrosine Disodium Salt Dihydrate | 7,78 | 7,78 | 7,78 | |
| L-Valine | 11,7 | 11,7 | 11,7 | |
| Inorganic Salts | Calcium Chloride Dihydrate | 44,1 | 44,1 | 44,1 |
| | Cupric Sulfate Pentahydrate | 0,0025 | 0,0025 | 0,0025 |
| | Ferrous Sulfate Heptahydrate | 0,834 | 0,834 | 0,834 |
| | Magnesium Sulfate Anhydrous | / | / | 57,22 |
| | Magnesium Chloride Hexahydrate | 123 | 123 | / |
| | Potassium Chloride | 224 | 224 | 224 |
| | Sodium Bicarbonate | 1176 | 1176 | / |
| | Sodium Chloride | 7599 | 7599 | 7599 |
| | Sodium Phosphate Dibasic Anhydrous | 142,04 | 142,04 | 142,04 |
| Zinc Sulfate Heptahydrate | 0,863 | 0,863 | 0,863 | |
| Vitamins | Choline Chloride | 13,96 | 13,96 | 13,96 |
| | D-Biotin | 0,0073 | 0,0073 | 0,0073 |
| | D-Ca Pantothenate | 0,48 | 0,48 | 0,48 |
| | Folic Acid | 1,32 | 1,32 | 1,32 |
| | Myo-Inositol | 18 | 18 | 18 |
| | Nicotinamide | 0,037 | 0,037 | 0,037 |
| | Pyridoxine Hydrochloride | 0,062 | 0,062 | 0,062 |
| | Riboflavin | 0,038 | 0,038 | 0,038 |
| | Thiamine Hydrochloride | 0,34 | 0,34 | 0,34 |
| Vitamin B12 | 1,36 | 1,36 | 1,36 | |
| O.C.* | D-Glucose Anhydrous | 1802 | 1802 | 1802 |
| | Hypoxanthine | 4,08 | 4,08 | 4,08 |
| | Linoleic Acid | 0,084 | 0,084 | 0,084 |
| | Phenol Red Solution Salt | 1,3 | 1,3 | 1,3 |
| | Putrescine+2HCL | 0,161 | 0,161 | 0,161 |
| | Sodium Pyruvate | 110 | 110 | 110 |
| | Thioctic Acid | 0,21 | 0,21 | 0,21 |
| Thymidine | 0,73 | 0,73 | 0,73 | |