

CORNING

Ham's F-12 Medium Formulation

| | |
|--------------------|-------------------|
| Cat. No. | 10-080 |
| Description | Liquid, 1x |
| Units | mg/L |

| Components | |
|--|--------|
| <i>Inorganic Salts</i> | |
| CaCl ₂ (anhydrous) | 33.3 |
| FeSO ₄ • 7H ₂ O | 0.834 |
| KCl | 223.6 |
| CuSO ₄ (anhydrous) | 0.0016 |
| MgSO ₄ (anhydrous) | 72.2 |
| NaCl | 7,600 |
| Na ₂ HPO ₄ (anhydrous) | 142 |
| NaHCO ₃ | 1176 |
| ZnSO ₄ • 7H ₂ O | 0.863 |
| <i>Amino Acids</i> | |
| L-Alanine | 8.9 |
| L-Arginine • HCl | 211 |
| L-Asparagine • H ₂ O | 15 |
| L-Aspartic acid | 13.3 |
| L-Cysteine • HCl • H ₂ O | 35.12 |
| L-Glutamic acid | 14.7 |
| L-glutamine | 146.2 |
| Glycine | 7.5 |
| L-Histidine • HCl • H ₂ O | 20.96 |
| L-Isoleucine | 3.94 |
| L-Leucine | 13.1 |
| L-Lysine • HCl | 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 • 2Na • 2H ₂ O | 7.84 |
| L-Valine | 11.7 |
| <i>Vitamins</i> | |
| Biotin | 0.0073 |
| D-Ca-Pantothenate | 0.48 |
| Choline Chloride | 13.96 |
| Folic Acid | 1.3 |
| <i>i</i> -Inositol | 18.02 |
| Nicotinamide | 0.037 |
| Pyridoxine • HCl | 0.062 |
| Riboflavin | 0.038 |
| Thiamine • HCl | 0.34 |
| Vitamin B12 | 1.36 |

| <i>Other</i> | |
|---------------------------|-------|
| Dextrose | 1802 |
| Hypoxanthine, Sodium | 4.77 |
| DL-Thioctic (lipoic) acid | 0.21 |
| Methyl Lineoleate | 0.088 |
| Phenol Red, Sodium | 1.2 |
| Putrescine*2HCl | 0.16 |
| Sodium Pyruvate | 110 |
| Thymidine | 0.73 |
| HEPES | -- |

| Add | |
|------------------------|----|
| NaHCO ₃ | |
| Powder (g/L) | -- |
| 7.5% Solution (mL/L) | -- |
| L-glutamine | |
| Powder (mg/L) | -- |
| 200 mM Solution (mL/L) | -- |

"--" indicates not present

For more specific information on claims, visit the Certificates page at www.corning.com/lifesciences.

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