

## Ham's F-10

**Product Number HFL09-500ML**

Without L-glutamine. Store at 2° to 8°C.

| Components   | mg/L      |
|--|-----------|
| Biotin (C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S)   | 0.0240    |
| Calcium Chloride, Anhydrous (CaCl <sub>2</sub> )   | 33.3000   |
| Choline Chloride (C <sub>5</sub> H <sub>14</sub> ONCl)   | 0.7000    |
| Cupric Sulfate, Pentahydrate (CuSO <sub>4</sub> · 5H <sub>2</sub> O)   | 0.0020    |
| D-Calcium Pantothenate (C <sub>18</sub> H <sub>32</sub> CaN <sub>2</sub> O <sub>10</sub> )                                     | 0.7000    |
| D-Glucose, Anhydrous (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )  | 1100.0000 |
| Ferrous Sulfate, Heptahydrate (FeSO <sub>4</sub> ·7H <sub>2</sub> O)   | 0.8300    |
| Folic Acid (C <sub>19</sub> H <sub>19</sub> N <sub>7</sub> O <sub>6</sub> )  | 1.3000    |
| Glycine (C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub> )   | 7.5000    |
| Hypoxanthine, Sodium (C <sub>5</sub> H <sub>3</sub> N <sub>4</sub> O.Na)   | 4.7000    |
| L-Alanine (C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> )   | 9.0000    |
| L-Arginine (C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub> )   | 211.0000  |
| L-Asparagine, Monohydrate (C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub> · H <sub>2</sub> O)                     | 15.0000   |
| L-Aspartic Acid (C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub> )   | 13.0000   |
| L-Cysteine, Hydrochloride, Monohydrate (C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> · HCl · H <sub>2</sub> O)                | 36.2500   |
| L-Glutamic Acid (C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub> )   | 14.7000   |
| L-Histidine, Hydrochloride, Monohydrate (C <sub>6</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> · HCl · H <sub>2</sub> O) | 23.0000   |
| L-Isoleucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )   | 2.6000    |
| L-Leucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )  | 13.0000   |
| L-Lysine, Hydrochloride (C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> · HCl)                                   | 29.0000   |
| L-Methionine (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S)  | 4.5000    |
| L-Phenylalanine (C <sub>9</sub> H <sub>9</sub> NO <sub>2</sub> )   | 5.0000    |
| L-Proline (C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub> )   | 11.5000   |

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| L-Serine (C <sub>3</sub> H <sub>7</sub> NO <sub>3</sub> )  | 10.5000   |
| L-Threonine (C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub> )   | 3.6000    |
| L-Tryptophan (C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> )                                      | 0.6000    |
| L-Tyrosine, Disodium, Dihydrate (C <sub>9</sub> H <sub>9</sub> NO <sub>3</sub> Na <sub>2</sub> ·2H <sub>2</sub> O) | 2.6200    |
| L-Valine (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> )   | 3.5000    |
| Lipoic Acid (DL-Thiolic Acid) (C <sub>8</sub> H <sub>14</sub> O <sub>2</sub> S <sub>2</sub> )                      | 0.2000    |
| Magnesium Sulfate, Anhydrous (MgSO <sub>4</sub> )  | 74.6000   |
| Myo-Inositol (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )  | 0.5000    |
| Niacinamide (C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O)   | 0.6000    |
| Phenol Red, Sodium Salt (C <sub>19</sub> H <sub>13</sub> NaO <sub>5</sub> S)                                       | 1.2000    |
| Potassium Chloride (KCl)   | 285.0000  |
| Potassium Phosphate, Monobasic, Anhydrous (KH <sub>2</sub> PO <sub>4</sub> )                                       | 83.0000   |
| Pyridoxine, Hydrochloride (C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> · HCl)                                   | 0.2000    |
| Pyruvic Acid, Sodium Salt (C <sub>3</sub> H <sub>3</sub> NaO <sub>3</sub> )  | 110.0000  |
| Riboflavin (C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub> )  | 0.4000    |
| Sodium Bicarbonate (NaHCO <sub>3</sub> )   | 1200.0000 |
| Sodium Chloride (NaCl)   | 7400.0000 |
| Sodium Phosphate Dibasic, Anhydrous (Na <sub>2</sub> HPO <sub>4</sub> )  | 153.7000  |
| Thiamine, Hydrochloride (C <sub>12</sub> H <sub>17</sub> ClN <sub>4</sub> OS · HCl)                                | 1.0000    |
| Thymidine (C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub> )   | 0.7000    |
| Vitamin B12 (C <sub>63</sub> H <sub>88</sub> CoN <sub>14</sub> O <sub>14</sub> P)                                  | 1.4000    |
| Zinc Sulfate, Heptahydrate (ZnSO <sub>4</sub> · 7H <sub>2</sub> O)   | 0.0300    |