

## 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>11</sub> NO <sub>2</sub> )	5.0000
L-Proline (C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub> )	11.5000

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