

## McCoy's 5A

### Product Number MCP01-10LT

Iwakata & Grace Modification with L-glutamine. Without sodium bicarbonate. 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)   | 0.2000    |
| Calcium Chloride, Dihydrate (CaCl <sub>2</sub> · 2H <sub>2</sub> O)  | 132.5000  |
| Choline Chloride (C <sub>5</sub> H <sub>14</sub> ONCl)   | 5.0000    |
| D-Calcium Pantothenate (C <sub>18</sub> H <sub>32</sub> CaN <sub>2</sub> O <sub>10</sub> )                                     | 0.2000    |
| D-Glucose, Anhydrous (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )  | 3000.0000 |
| Folic Acid (C <sub>19</sub> H <sub>19</sub> N <sub>7</sub> O <sub>6</sub> )  | 10.0000   |
| Glutathione, Reduced (C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub> S)   | 0.5000    |
| Glycine (C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub> )   | 7.5100    |
| L-Alanine (C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> )   | 13.3600   |
| L-Arginine, Hydrochloride (C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub> · HCl)                                 | 42.1400   |
| L-Ascorbic Acid (C <sub>6</sub> H <sub>8</sub> O <sub>6</sub> )  | 0.5000    |
| L-Asparagine, Monohydrate (C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub> · H <sub>2</sub> O)                     | 45.0300   |
| L-Aspartic Acid (C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub> )   | 19.9700   |
| L-Cysteine, Hydrochloride, Monohydrate (C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> · HCl · H <sub>2</sub> O)                | 35.1400   |
| L-Glutamine (C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub> )  | 219.2000  |
| 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) | 20.9600   |
| L-Hydroxyproline (C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub> )  | 19.6700   |
| L-Isoleucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )   | 39.3600   |
| L-Leucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )  | 39.3600   |
| L-Lysine, Hydrochloride (C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> · HCl)                                   | 36.5400   |
| L-Methionine (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S)  | 14.9200   |
| L-Phenylalanine (C <sub>9</sub> H <sub>9</sub> NO <sub>2</sub> )   | 16.5200   |
| L-Proline (C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub> )   | 17.2700   |

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| L-Serine (C <sub>3</sub> H <sub>7</sub> NO <sub>3</sub> )  | 26.2800   |
| L-Threonine (C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub> )   | 17.8700   |
| L-Tryptophan (C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> )                                      | 3.0600    |
| 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) | 26.1200   |
| L-Valine (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> )   | 17.5700   |
| Magnesium Sulfate, Anhydrous (MgSO <sub>4</sub> )  | 97.6800   |
| Meat Peptone   | 600.0000  |
| Myo-Inositol (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )  | 36.0000   |
| Niacinamide (C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O)   | 0.5000    |
| Nicotinic Acid (C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub> )  | 0.5000    |
| Phenol Red, Sodium Salt (C <sub>19</sub> H <sub>13</sub> NaO <sub>5</sub> S)                                       | 10.0000   |
| Potassium Chloride (KCl)   | 400.0000  |
| Pyridoxal, Hydrochloride (C <sub>8</sub> H <sub>9</sub> NO <sub>3</sub> · HCl)                                     | 0.5000    |
| Pyridoxine, Hydrochloride (C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> · HCl)                                   | 0.5000    |
| Riboflavin (C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub> )  | 0.2000    |
| Sodium Chloride (NaCl)   | 6460.0000 |
| Sodium Phosphate, Monobasic, Monohydrate (NaH <sub>2</sub> PO <sub>4</sub> · H <sub>2</sub> O)                     | 580.0000  |
| Thiamine, Hydrochloride (C <sub>12</sub> H <sub>17</sub> ClN <sub>4</sub> OS · HCl)                                | 0.2000    |
| Vitamin B12 (C <sub>63</sub> H <sub>88</sub> CoN <sub>14</sub> O <sub>14</sub> P)                                  | 2.0000    |
| para-Aminobenzoic Acid (C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> )  | 1.0000    |