

## E199

### Product Number MDP08-10LT

With Earle's salts and L-glutamine. No sodium bicarbonate.

Components	mg/L
(±) &#945;-Tocopherol Phosphate, Disodium Salt (C <sub>29</sub> H <sub>49</sub> Na <sub>2</sub> O <sub>5</sub> P)	0.0100
2-Deoxy-D-Ribose (C <sub>5</sub> H <sub>10</sub> O <sub>4</sub> )	0.5000
Adenine Sulfate, Dihydrate (C <sub>10</sub> H <sub>12</sub> N <sub>10</sub> O <sub>4</sub> S)	10.0000
Adenosine 5'-Monophosphate, Monohydrate (C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P • H <sub>2</sub> O)	0.2000
Adenosine-5'-Triphosphate, Anhydrous (C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>13</sub> P <sub>3</sub> )	1.0000
Biotin (C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S)	0.0100
Calciferol (C <sub>28</sub> H <sub>44</sub> O)	0.1000
Calcium Chloride, Anhydrous (CaCl <sub>2</sub> )	200.0000
Cholesterol	0.2000
Choline Chloride	0.5000
D-Calcium Pantothenate (C <sub>18</sub> H <sub>32</sub> CaN <sub>2</sub> O <sub>10</sub> )	0.0100
D-Glucose, Anhydrous (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	1000.0000
D-Ribose (C <sub>5</sub> H <sub>10</sub> O <sub>5</sub> )	0.5000
Ferric Nitrate, Nonahydrate (Fe(NO <sub>3</sub> ) <sub>3</sub> •9H <sub>2</sub> O)	0.7200
Folic Acid (C <sub>19</sub> H <sub>19</sub> N <sub>7</sub> O <sub>6</sub> )	0.0100
Glutathione, Reduced (C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub> S)	0.0500
Glycine (C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub> )	50.0000
Guanine HCl (C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> O • HCl)	0.3000
Hypoxanthine, Sodium (C <sub>5</sub> H <sub>3</sub> N <sub>4</sub> O•Na)	0.4000
L-Alanine (C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> )	25.0000
L-Arginine, Hydrochloride (C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub> • HCl)	70.0000
L-Ascorbic Acid (C <sub>6</sub> H <sub>8</sub> O <sub>6</sub> )	0.0500

L-Aspartic Acid (C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub> )	30.0000
L-Cysteine, Hydrochloride, Monohydrate (C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> • HCl • H <sub>2</sub> O)	0.1000
L-Cystine, Dihydrochloride (C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub> • 2HCl)	26.0000
L-Glutamic Acid (C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub> )	75.0000
L-Glutamine (C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub> )	100.0000
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)	22.0000
L-Hydroxyproline (C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub> )	10.0000
L-Isoleucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )	40.0000
L-Leucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )	60.0000
L-Lysine, Hydrochloride (C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> • HCl)	70.0000
L-Methionine (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S)	15.0000
L-Phenylalanine (C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub> )	25.0000
L-Proline (C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub> )	40.0000
L-Serine (C <sub>3</sub> H <sub>7</sub> NO <sub>3</sub> )	25.0000
L-Threonine (C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub> )	30.0000
L-Tryptophan (C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> )	10.0000
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)	58.0000
L-Valine (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> )	25.0000
Magnesium Sulfate, Anhydrous (MgSO <sub>4</sub> )	98.0000
Menadione (C <sub>11</sub> H <sub>8</sub> O <sub>2</sub> )	0.0100
Myo-Inositol (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	0.0500
Niacinamide (C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O)	0.0250
Nicotinic Acid (C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub> )	0.0250
Para-Aminobenzoic Acid (C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> )	0.0500
Phenol Red, Sodium Salt (C <sub>19</sub> H <sub>13</sub> NaO <sub>5</sub> S)	20.0000
Potassium Chloride (KCl)	400.0000
Pyridoxine, Hydrochloride (C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> • HCl)	0.0500
Riboflavin (C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub> )	0.0100
Sodium Acetate, Anhydrous (C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> Na)	50.0000
Sodium Chloride (NaCl)	6800.0000
Sodium Phosphate, Monobasic, Monohydrate (NaH <sub>2</sub> PO <sub>4</sub> • H <sub>2</sub> O)	140.0000
Thiamine, Hydrochloride (C <sub>12</sub> H <sub>17</sub> ClN <sub>4</sub> OS • HCl)	0.0100
Thymine (C <sub>5</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub> )	0.3000

Tween 80	20.0000
Urea ((NH <sub>2</sub> ) <sub>2</sub> CO)	0.3000
Vitamin A, Acetate (C <sub>22</sub> H <sub>32</sub> O <sub>2</sub> )	0.1400
Xanthine, Monosodium Salt (C <sub>5</sub> H <sub>3</sub> N <sub>4</sub> NaO <sub>2</sub> )	0.3400