

## RPMI 1640

**Product Number RPL03-1000ML**

With 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)	0.2000
Calcium Nitrate, Tetrahydrate (Ca(NO <sub>3</sub> ) <sub>2</sub> · 4H <sub>2</sub> O)	100.0000
Choline Chloride (C <sub>5</sub> H <sub>14</sub> ONCl)	3.0000
D-Calcium Pantothenate (C <sub>18</sub> H <sub>32</sub> CaN <sub>2</sub> O <sub>10</sub> )	0.2500
D-Glucose, Anhydrous (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	2000.0000
Folic Acid (C <sub>19</sub> H <sub>19</sub> N <sub>7</sub> O <sub>6</sub> )	1.0000
Glutathione, Reduced (C <sub>10</sub> H <sub>17</sub> N <sub>3</sub> O <sub>6</sub> S)	1.0000
Glycine (C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub> )	10.0000
L-Arginine (C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub> )	200.0000
L-Asparagine, Anhydrous (C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub> )	50.0000
L-Aspartic Acid (C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub> )	20.0000
L-Cystine, Dihydrochloride (C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub> · 2HCl)	65.0000
L-Glutamine (C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub> )	300.0000
L-Histidine, Anhydrous (C <sub>6</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> )	15.0000
L-Hydroxyproline (C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub> )	20.0000
L-Isoleucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )	50.0000
L-Leucine (C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub> )	50.0000
L-Lysine, Hydrochloride (C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> · HCl)	40.0000
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> )	15.0000
L-Proline (C <sub>5</sub> H <sub>9</sub> NO <sub>2</sub> )	20.0000
L-Serine (C <sub>3</sub> H <sub>7</sub> NO <sub>3</sub> )	30.0000
L-Threonine (C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub> )	20.0000
L-Tryptophan (C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> )	5.0000

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)	29.0000
L-Valine (C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> )	20.0000
Magnesium Sulfate, Anhydrous (MgSO <sub>4</sub> )	48.8400
Myo-Inositol (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	35.0000
Niacinamide (C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O)	1.0000
Phenol Red, Sodium Salt (C <sub>19</sub> H <sub>13</sub> NaO <sub>5</sub> S)	5.0000
Potassium Chloride (KCl)	400.0000
Pyridoxine, Hydrochloride (C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> · HCl)	1.0000
Riboflavin (C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub> )	0.2000
Sodium Bicarbonate (NaHCO <sub>3</sub> )	2000.0000
Sodium Chloride (NaCl)	6000.0000
Sodium Phosphate Dibasic, Anhydrous (Na <sub>2</sub> HPO <sub>4</sub> )	800.7000
Thiamine, Hydrochloride (C <sub>12</sub> H <sub>17</sub> ClN <sub>4</sub> OS · HCl)	1.0000
Vitamin B12 (C <sub>63</sub> H <sub>88</sub> CoN <sub>14</sub> O <sub>14</sub> P)	0.0050
para-Aminobenzoic Acid (C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> )	1.0000