

## Murashige & Skoog with Vitamins

### Product Number MSP09-10LT

With macronutrients, micronutrients, vitamins and glycine as described by Murashige and Skoog, 1962.

Store at 2° to 8°C.

| Components   | mg/L      |
|--|-----------|
| Ammonium Nitrate (NH <sub>4</sub> NO <sub>3</sub> )  | 1650.0000 |
| Boric Acid (H <sub>3</sub> BO <sub>3</sub> )   | 6.2000    |
| Calcium Chloride, Anhydrous (CaCl <sub>2</sub> )   | 332.2000  |
| Cobalt Chloride, Hexahydrate (CoCl <sub>2</sub> · 6H <sub>2</sub> O)   | 0.0250    |
| Cupric Sulfate, Pentahydrate (CuSO <sub>4</sub> · 5H <sub>2</sub> O)   | 0.0250    |
| EDTA, Disodium Salt, Dihydrate (C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub> · 2H <sub>2</sub> O) | 37.2600   |
| Ferrous Sulfate, Heptahydrate (FeSO <sub>4</sub> · 7H <sub>2</sub> O)  | 27.8000   |
| Glycine (C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub> )   | 2.0000    |
| Magnesium Sulfate, Anhydrous (MgSO <sub>4</sub> )  | 180.7000  |
| Manganese Sulfate, Monohydrate (MnSO <sub>4</sub> · H <sub>2</sub> O)  | 16.9000   |
| Molybdc Acid Sodium Salt, Dihydrate (Na <sub>2</sub> MoO <sub>4</sub> · 2H <sub>2</sub> O)   | 0.2500    |
| Myo-Inositol (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )  | 100.0000  |
| Nicotinic Acid (C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub> )  | 0.5000    |
| Potassium Iodide (KI)  | 0.8300    |
| Potassium Nitrate (KNO <sub>3</sub> )  | 1900.0000 |
| Potassium Phosphate, Monobasic, Anhydrous (KH <sub>2</sub> PO <sub>4</sub> )   | 170.0000  |
| Pyridoxine, Hydrochloride (C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> · HCl)   | 0.5000    |
| Thiamine, Hydrochloride (C <sub>12</sub> H <sub>17</sub> CIN <sub>4</sub> OS · HCl)  | 0.1000    |
| Zinc Sulfate, Heptahydrate (ZnSO <sub>4</sub> · 7H <sub>2</sub> O)   | 8.6000    |