

## Murashige & Skoog Basal Salts

**Product Number MSP42-1LT**

Modified with 2X Mo, 250 mg/L KNO<sub>3</sub>, and Gamborg's vitamins. Without NH<sub>4</sub>NO<sub>3</sub>. Store at 2° to 8°C.

Components	mg/L
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, 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
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)	0.5000
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> )	1.0000
Potassium Iodide (KI)	0.8300
Potassium Nitrate (KNO <sub>3</sub> )	250.0000
Potassium Phosphate, Monobasic, Anhydrous (KH <sub>2</sub> P O <sub>4</sub> )	170.0000
Pyridoxine, Hydrochloride (C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> · HCl)	1.0000
Thiamine, Hydrochloride (C <sub>12</sub> H <sub>17</sub> CIN <sub>4</sub> OS · HCl)	10.0000
Zinc Sulfate, Heptahydrate (ZnSO <sub>4</sub> · 7H <sub>2</sub> O)	8.6000