

## Finer & Nagasawa Lite Modified Medium

### Product Number FNP01-10LT

With macronutrients, Murashige & Skoog micronutrients, Gamborg's vitamins, 1 g/L L-asparagine, and 10g/L sucrose. Store at 2° to 8°C.

Components	mg/L
Ammonium Sulfate ((NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> )	463.0000
Boric Acid (H <sub>3</sub> BO <sub>3</sub> )	6.2000
Calcium Chloride, Anhydrous (CaCl <sub>2</sub> )	226.0000
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
L-Asparagine, Anhydrous (C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub> )	1000.0000
Manganese Sulfate, Monohydrate (MnSO <sub>4</sub> · H <sub>2</sub> O)	16.9000
Molybdic 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> )	1.0000
Potassium Iodide (KI)	0.8300
Potassium Nitrate (KNO <sub>3</sub> )	2830.0000
Potassium Phosphate, Monobasic, Anhydrous (KH <sub>2</sub> PO <sub>4</sub> )	185.0000
Pyridoxine, Hydrochloride (C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> · HCl)	1.0000
Sucrose (C <sub>12</sub> H <sub>22</sub> O <sub>11</sub> )	10000.0000
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