

## Gamborg's B-5 Basal Medium with Vitamins

**Product Number GBP05-100LT**

With macronutrients, micronutrients, and vitamins as described by Gamborg et al, 1968. Store at 2° to 8°C.

Components	mg/L
Ammonium Sulfate ((NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> )	134.0000
Boric Acid (H <sub>3</sub> BO <sub>3</sub> )	3.0000
Calcium Chloride, Anhydrous (CaCl <sub>2</sub> )	113.2400
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
Magnesium Sulfate, Anhydrous (MgSO <sub>4</sub> )	122.0900
Manganese Sulfate, Monohydrate (MnSO <sub>4</sub> · H <sub>2</sub> O)	10.0000
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> )	1.0000
Potassium Iodide (KI)	0.7500
Potassium Nitrate (KNO <sub>3</sub> )	2500.0000
Pyridoxine, Hydrochloride (C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> · HCl)	1.0000
Sodium Phosphate, Monobasic, Monohydrate (NaH <sub>2</sub> PO <sub>4</sub> · H <sub>2</sub> O)	150.0800
Thiamine, Hydrochloride (C <sub>12</sub> H <sub>17</sub> ClN <sub>4</sub> OS · HCl)	10.0000
Zinc Sulfate, Heptahydrate (ZnSO <sub>4</sub> · 7H <sub>2</sub> O)	2.0000