

Formulations & Specifications

Gamborg's B-5 Medium with Vitamins

With macro- and micronutrients and vitamins.

Components	mg/L
Ammonium Sulfate ((NH ₄) ₂ SO ₄)	134.0000
Boric Acid (H ₃ BO ₃)	3.0000
Calcium Chloride, Anhydrous (CaCl ₂)	113.2400
Cobalt Chloride, Hexahydrate (CoCl ₂ · 6H ₂ O)	0.0250
Cupric Sulfate, Pentahydrate (CuSO ₄ · 5H ₂ O)	0.0250
EDTA, Disodium, Dihydrate (C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ · 2H ₂ O)	37.2600
Ferrous Sulfate, Heptahydrate (FeSO ₄ · 7H ₂ O)	27.8000
Magnesium Sulfate, Anhydrous (MgSO ₄)	122.0900
Manganese Sulfate, Monohydrate (MnSO ₄ · H ₂ O)	10.0000
Molybdc Acid Sodium Salt, Dihydrate (Na ₂ MoO ₄ · 2H ₂ O)	0.2500
Myo-Inositol (C ₆ H ₁₂ O ₆)	100.0000
Nicotinic Acid (C ₆ H ₅ NO ₂)	1.0000
Potassium Iodide (KI)	0.7500
Potassium Nitrate (KNO ₃)	2500.0000
Pyridoxine, Hydrochloride (C ₈ H ₁₁ NO ₃ · HCl)	1.0000
Sodium Phosphate, Monobasic, Monohydrate (NaH ₂ PO ₄ · H ₂ O)	150.0800
Thiamine, Hydrochloride (C ₁₂ H ₁₇ CIN ₄ OS · HCl)	10.0000
Zinc Sulfate, Heptahydrate (ZnSO ₄ · 7H ₂ O)	2.0000