

Gamborg's B-5 Long Basal Medium

Product Number GBP06-10LT

With macronutrients, micronutrients, and vitamins as described by Gamborg, 1966. Also known as Gamborg PRL-4-DM. Store at 2° to 8°C. This item is manufactured on an as-needed basis and may not be in stock. Please contact us for details.

Components	mg/L
Ammonium Sulfate ((NH ₄) ₂ SO ₄)	200.0000
Biotin (C ₁₀ H ₁₆ N ₂ O ₃ S)	0.0002
Boric Acid (H ₃ BO ₃)	3.0000
Calcium Chloride, Anhydrous (CaCl ₂)	113.2400
Choline Chloride (C ₅ H ₁₄ ONCl)	0.2000
Cobalt Chloride, Hexahydrate (CoCl ₂ · 6H ₂ O)	0.2500
Cupric Sulfate, Pentahydrate (CuSO ₄ · 5H ₂ O)	0.2500
D-Calcium Pantothenate (C ₁₈ H ₃₂ CaN ₂ O ₁₀)	0.4000
EDTA, Disodium Salt, Dihydrate (C ₁₀ H ₁₄ N ₂ Na ₂ O ₈ · 2H ₂ O)	186.0000
Ferrous Sulfate, Heptahydrate (FeSO ₄ · 7H ₂ O)	139.0000
Folic Acid (C ₁₉ H ₁₉ N ₇ O ₆)	0.0150
Glycine (C ₂ H ₅ NO ₂)	20.0000
L-Arginine (C ₆ H ₁₄ N ₄ O ₂)	40.0000
L-Ascorbic Acid (C ₆ H ₈ O ₆)	0.4000
L-Asparagine, Anhydrous (C ₄ H ₈ N ₂ O ₃)	40.0000
L-Glutamine (C ₅ H ₁₀ N ₂ O ₃)	60.0000
L-Methionine (C ₅ H ₁₁ NO ₂ S)	30.0000
L-Phenylalanine (C ₉ H ₁₁ NO ₂)	20.0000
L-Tryptophan (C ₁₁ H ₁₂ N ₂ O ₂)	40.0000
Magnesium Sulfate, Anhydrous (MgSO ₄)	122.0900
Manganese Sulfate, Monohydrate (MnSO ₄ · H ₂ O)	132.0000
Molybdic 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)	0.5000
Potassium Chloride (KCl)	300.0000
Potassium Iodide (KI)	0.7500
Potassium Nitrate (KNO ₃)	1000.0000
Pyridoxine, Hydrochloride (C ₈ H ₁₁ NO ₃ · HCl)	0.5000
Riboflavin (C ₁₇ H ₂₀ N ₄ O ₆)	0.0150
Sodium Phosphate, Monobasic, Monohydrate (NaH ₂ PO ₄ · H ₂ O)	90.0000
Thiamine, Hydrochloride (C ₁₂ H ₁₇ ClN ₄ OS · HCl)	0.5000
Zinc Sulfate, Heptahydrate (ZnSO ₄ · 7H ₂ O)	3.0000
para-Aminobenzoic Acid (C ₇ H ₇ NO ₂)	0.2000