

Murashige and Skoog with Nitsch Vitamins

Product Number MSP29-100LT

With macronutrients and micronutrients as described by Murashige and Skoog, 1962, and vitamins as described by Nitsch and Nitsch, 1969. With FeNaEDTA. Store at 2° to 8°C.

Components	mg/L
Ammonium Nitrate (NH ₄ NO ₃)	1650.0000
Biotin (C ₁₀ H ₁₆ N ₂ O ₃ S)	0.0500
Boric Acid (H ₃ BO ₃)	6.2000
Calcium Chloride, Anhydrous (CaCl ₂)	332.0200
Cobalt Chloride, Hexahydrate (CoCl ₂ · 6H ₂ O)	0.0250
Cupric Sulfate, Pentahydrate (CuSO ₄ · 5H ₂ O)	0.0250
EDTA, Iron Sodium Salt (C ₁₀ H ₁₂ N ₂ NaFeO ₈ ·3H ₂ O)	36.7000
Folic Acid (C ₁₉ H ₁₉ N ₇ O ₆)	0.5000
Glycine (C ₂ H ₅ NO ₂)	2.0000
Magnesium Sulfate, Anhydrous (MgSO ₄)	180.5400
Manganese Sulfate, Monohydrate (MnSO ₄ · H ₂ O)	16.9000
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)	5.0000
Potassium Iodide (KI)	0.8300
Potassium Nitrate (KNO ₃)	1900.0000
Potassium Phosphate, Monobasic, Anhydrous (KH ₂ PO ₄)	170.0000
Pyridoxine, Hydrochloride (C ₈ H ₁₁ NO ₃ · HCl)	0.5000
Thiamine, Hydrochloride (C ₁₂ H ₁₇ CIN ₄ OS · HCl)	0.5000
Zinc Sulfate, Heptahydrate (ZnSO ₄ · 7H ₂ O)	8.6000