

Murashige & Skoog with Reduced Nitrates

Product Number MSP16-50LT

With macronutrients and micronutrients as described by Murashige and Skoog, 1962. Modified to contain 1/2 the concentration of ammonium nitrate and potassium nitrate. Store at 2° to 8°C.

Components	mg/L
Ammonium Nitrate (NH ₄ NO ₃)	825.0000
Boric Acid (H ₃ BO ₃)	6.2000
Calcium Chloride, Anhydrous (CaCl ₂)	332.2000
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)	180.7000
Manganese Sulfate, Monohydrate (MnSO ₄ · H ₂ O)	16.9000
Molybdic Acid Sodium Salt, Dihydrate (Na ₂ MoO ₄ · 2H ₂ O)	0.2500
Potassium Iodide (KI)	0.8300
Potassium Nitrate (KNO ₃)	950.0000
Potassium Phosphate, Monobasic, Anhydrous (KH ₂ PO ₄)	170.0000
Zinc Sulfate, Heptahydrate (ZnSO ₄ · 7H ₂ O)	8.6000