

Hoagland medium, Nitrogen-Free

Application: Hoagland Medium contains Macronutrients and Micronutrients for watering and nitrogen fixing plants grown in vermiculite. Hoagland Medium is plant tissue culture tested and provided as 1 unit to make 10L, 25L, 50L, or 100L of medium. Hoagland Medium is nitrogen free and should be used without autoclaving. Sucrose, Cytokines, Vitamins, and Auxins should be added as needed.

Appearance: White to off-white

Solubility: Soluble in water

Working Concentration: 1.34 g/L

Formulation:

Media Components	mg/L
Components	
Boric Acid	2.86
Calcium Chloride, Anhydrous	554.9
Copper II Chloride, Anhydrous (CuCl ₂)	0.045
EDTA, Iron Sodium Salt	33
Magnesium Sulfate, Anhydrous	240.33
Manganese Chloride, Tetrahydrate	1.81
Molybdc Acid, Sodium Salt, Dihydrate	0.025
Potassium Chloride	372.7
Potassium Phosphate, Monobasic, Anhydrous	136.03
Zinc Chloride, Anhydrous	0.11

Storage: Hygroscopic media, store desiccated at 2-8°C

