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TECHNICAL INFORMATION

Catalog Number: 2621820, 2621822

Hoagland's modified basal salt mixture

Physical Appearance: White to light yellow powder

Solubility: Soluble in water (clear, colorless to slight yellow solution)

Formulation:

Component	Quantity	Concentration
	mg/L	(Molar)
Ammonium Phosphate	115.03	1 mM
Boric Acid	2.86	460 uM
Calcium Nitrate	656.4	4 mM
Cupric Sulfate• 5H ₂ O	0.08	0.32 uM
Na ₂ -EDTA	33.534	90.1 uM
Ferrous Sulfate• 7H ₂ O	25.02	90 uM
Magnesium Sulfate	240.76	2 mM
Manganese Chloride• 4H ₂ O	1.81	9.2 uM
Molybdenum Trioxide	0.016	0.11 uM
Potassium Nitrate	606.6	6 mM
Zinc Sulfate• 7H ₂ O	0.22	0.77 uM
Grams of Powder to prepare 1 liter	1.63	

Availability:

Catalog Number	Description	Size
2621822 2621820	Hoagland's Modified Basal Salt Mixture, includes the macro- and micronutrients as described by Hoagland and Arnon, 1950.	1 x 10 liter 10 x 1 liter