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TECHNICAL INFORMATION

Catalog Number: 2623020, 2623022

Murashige and Skoog basal salt mixture

Physical Description: White to off white powder

Solubility: Soluble at 1x in water (clear, colorless to slight yellow solution)

Formulation:

Component	Quantity	Concentration
	mg/L	
Ammonium Nitrate	1650.0	20.61 mM
Boric Acid	6.2	100 uM
Calcium Chloride, Anhyd.	332.2	2.99 mM
Cobalt Chloride 6H ₂ O	0.025	0.11 uM
Cupric Sulfate 5H ₂ O	0.025	0.1 uM
Na ₂ - EDTA	37.26	100 uM
Ferrous Sulfate 7H ₂ O	27.8	100 uM
Magnesium Sulfate	180.7	1.5 mM
Manganese Sulfate	16.9	0.10 uM
Molybdic Acid, Sodium Salt, 2H ₂ O	0.25	1.03 uM
Potassium Iodide	0.83	5.0 uM
Potassium Nitrate	1900.0	18.79 mM
Potassium Phosphate, Monobasic	170.0	1.25 mM
Zinc Sulfate, 7H ₂ O	8.60	29.91 uM
Grams of powder to prepare 1 liter	4.33 g	

Availability:

Catalog Number	Description	Size
2623022	Includes the macro- and micronutrients as described in Murashig and Skoog, 1962.	1 x 10 liter
2623020		10 x 1 liter