



Product Information Sheet

T864 **Tobacco Modified Shoot** **Multiplication Basal Medium**

Properties

Form: Powder
Appearance: White to Yellow Powder
Application: Plant Tissue Culture
Solubility: Water
Typical Working Concentration: 5.41 g/L
Storage Temp: 2 – 6° C
Storage Temp of Stock Solution: Preparation of concentrated solutions is not recommended as insoluble precipitates may form.
Other Notes: Contains FeNa-EDTA in place of Ferrous Sulfate and Disodium EDTA.

Formula

Ammonium Nitrate	1650
Boric Acid	6.2
Calcium Chloride, Anhydrous	333
Cobalt Chloride•6H ₂ O	0.025
Cupric Sulfate•5H ₂ O	0.025
Ferric Sodium EDTA	36.7
Magnesium Sulfate, Anhydrous	181
Manganese Sulfate•H ₂ O	16.9
Molybdic Acid (Sodium Salt) •2H ₂ O	0.25
Potassium Iodide	0.83
Potassium Nitrate	1900

Potassium Phosphate, Monobasic	170
Zinc Sulfate•7H ₂ O	8.6
Casein, Enzymatic Hydrolysate	1000
Glycine (Free Base)	2
Kinetin	1
myo-Inositol	100
Nicotinic Acid (Free Acid)	0.5
Pyridoxine•HCl	0.5
Thiamine•HCl	0.4

Application Notes

Plant Tissue Culture Tested
Plant species: Nicotianum

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