



## Product Information Sheet

### **T861** **Tobacco Modified Root Initiation** **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 <sub>2</sub> O	0.025
Cupric Sulfate•5H <sub>2</sub> O	0.025
Ferric Sodium EDTA	36.7
Magnesium Sulfate, Anhydrous	181
Manganese Sulfate•H <sub>2</sub> O	16.9
Molybdic Acid (Sodium Salt) •2H <sub>2</sub> O	0.25
Potassium Iodide	0.83
Potassium Nitrate	1900

Potassium Phosphate, Monobasic	170
Zinc Sulfate•7H <sub>2</sub> O	8.6
Casein, Enzymatic Hydrolysate	1000
Glycine (Free Base)	2
Indole-3-acetic Acid	3
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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