



## Product Information Sheet

### T853 TM4G Basal Salt Mixture

#### Properties

Form: Powder  
Appearance: White to Yellow Powder  
Application: Plant Tissue Culture  
Solubility: Water  
Typical Working Concentration: 2.88 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:

#### Formula

Ammonium Nitrate	320
Ammonium Phosphate, Monobasic	230
Ammonium Sulfate	130
Boric Acid	6.2
Calcium Chloride, Anhydrous	113.25
Cobalt Chloride•6H <sub>2</sub> O	0.025
Cupric Sulfate•5H <sub>2</sub> O	0.025
Na <sub>2</sub> EDTA •2H <sub>2</sub> O	18.65

Ferrous Sulfate	13.9
Magnesium Sulfate, Anhydrous	122.12
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
Zinc Sulfate•7H <sub>2</sub> O	9.2

#### Application Notes

Plant Tissue Culture Tested

#### References

Revised 3/2007

### PhytoTechnology Laboratories, LLC

P.O. Box 12205; Shawnee Mission, KS 66282-2205  
Phone: 1-888-749-8682 or 913-341-5343; Fax: 1-888-449-8682 or 913-341-5442  
Web Site: [www.phytotechlab.com](http://www.phytotechlab.com) © 2007 PhytoTechnologyLaboratories, LLC