



## Product Information Sheet

# T839 Terrestrial (Cypripedium) Orchid Medium

### Properties

Form:	Powder
Appearance:	White to Yellow powder
Application:	Orchid Culture
Solubility:	Partially Soluble in Water
Typical Working Concentration:	27.44 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 a modification of the macro- and micronutrients, glucose, and agar as described by Steele (1996) Contains 400 mg/L Calcium Nitrate and 400 mg/L Casein Without Ammonium Nitrate pH = 5.0 – 6.0

### Formula (mg/L)

Ammonium Citrate	19
Boric Acid	0.5
Calcium Nitrate	400
Cupric Sulfate•5H <sub>2</sub> O	0.025
Ferric Ammonium Citrate	25
Magnesium Sulfate, Anhydrous	97.69
Manganese Sulfate•H <sub>2</sub> O	1.54
Molybdic Acid, Sodium Salt•2H <sub>2</sub> O	0.02

Potassium Chloride	100
Potassium Iodide	0.1
Potassium Nitrate	200
Potassium Phosphate, Monobasic	200
Zinc Sulfate•7H <sub>2</sub> O	0.5
Agar	6000
Casein, Enzymatic Hydrolysate	400
D-Glucose	20,000

### Application Notes

Plant Tissue Culture Tested

Plant species: Cypripedium and other terrestrial orchid species

### References

Steele, WK. 1949. In: C. Allen, Editor, North American Native Terrestrial Orchids. Propagation and Production Conf. Proc., pp 11-26.

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### PhytoTechnology Laboratories®

P.O. Box 12205; Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 or 1-913-341-5343; Fax: 1-888-449-8682 or 1-913-341-5442

Web Site: [www.phytotechlab.com](http://www.phytotechlab.com)

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