



## Product Information Sheet

# T842 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 600 mg/L Calcium Nitrate and 200 mg/L Casein Without Ammonium Nitrate pH = 4.75 – 5.75

### Formula

Ammonium Citrate	19
Boric Acid	0.5
Calcium Nitrate	600
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	200
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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