

Product Information Sheet

T849

Terrestrial (Cypripedium) Orchid Medium Mother Flasking Medium V

Properties

Form:	Powder
Appearance:	White to Yellow powder
Application:	Orchid Culture
Solubility:	Partially Soluble in Water
Typical Working Concentration:	28.44 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 the macro- and micronutrients, glucose, and agar as described by Steele (1996) Contains 400 mg/L Calcium Nitrate Without Casein

Formula

Ammonium Citrate	19	Potassium Chloride	100
Ammonium Nitrate	1400	Potassium Iodide	0.1
Boric Acid	0.5	Potassium Nitrate	200
Calcium Nitrate	400	Potassium Phosphate, Monobasic	200
Cupric Sulfate•5H ₂ O	0.025	Zinc Sulfate•7H ₂ O	0.5
Ferric Ammonium Citrate	25	Agar	6000
Magnesium Sulfate, Anhydrous	97.69	D-Glucose	20,000
Manganese Sulfate•H ₂ O	1.54		
Molybdcic Acid, Sodium Salt•2H ₂ O	0.02		

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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