

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
Ammonium Nitrate	1400
Boric Acid	0.5
Calcium Nitrate	400
Cupric Sulfate•5H ₂ O	0.025
Ferric Ammonium Citrate	25
Magnesium Sulfate, Anhydrous	97.69
Manganese Sulfate•H ₂ O	1.54
Molybdcic Acid, Sodium Salt•2H ₂ O	0.02

Potassium Chloride	100
Potassium Iodide	0.1
Potassium Nitrate	200
Potassium Phosphate, Monobasic	200
Zinc Sulfate•7H ₂ O	0.5
Agar	6000
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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