Product Information Sheet

B141
BM-1 Terrestrial Orchid Medium w/ Agar

Properties

Form:	Powder
Appearance:	White to Cream Colored Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	26.22 g/L
Storage Temp:	2-6°
Storage Temp of Stock Solution:	Contains the macro- and micronutrients, vitamins, and plant growth regulators required to culture orchids. Preparation of concentrated solutions is not recommended as insoluble precipitates may form.
Other Notes:	Same formulation as B138 with Agar.

Formula

Boric Acid	10
Cobalt Chloride•6H_2O	0.025
Cupric Sulfate•5H_2O	0.025
Na_2 EDTA•2H_2O	37.25
Ferrous Sulfate•7H_2O	27.85
Magnesium Sulfate, Anhydrous	100
Manganese Sulfate•H_2O	25
Molybdic Acid (Sodium Salt) •2H_2O	0.25
Potassium Phosphate, Monobasic	300
Zinc Sulfate•7H_2O	10
Agar	5000

D-Biotin	0.05
Casein, Enzymatic Hydrolysate	500
Folic Acid	0.5
L-Glutamine	100
Glycine (Free Base)	2
myo-Inositol	100
Nicotinic Acid (Free Acid)	5
Pyridoxine•HCl	0.5
Sucrose	20,000
Thiamine•HCl	0.5

Application Notes

Plant Tissue Culture Tested
Especially suited for terrestrial orchids, Paphiopedilum, and Phragmipedium.
Seed germination may be enhanced by the addition of 50 mL/L Coconut Water (Prod. No. C195).

References

Phyto Technology 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
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