



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

(mg/L)

Boric Acid	10
Cobalt Chloride•6H ₂ O	0.025
Cupric Sulfate•5H ₂ O	0.025
Na ₂ EDTA•2H ₂ O	37.25
Ferrous Sulfate•7H ₂ O	27.85
Magnesium Sulfate, Anhydrous	100
Manganese Sulfate•H ₂ O	25
Molybdc Acid (Sodium Salt) •2H ₂ O	0.25
Potassium Phosphate, Monobasic	300
Zinc Sulfate•7H ₂ O	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).

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