

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	D-Biotin	0.05
Cobalt Chloride•6H ₂ O	0.025	Casein, Enzymatic Hydrolysate	500
Cupric Sulfate•5H ₂ O	0.025	Folic Acid	0.5
Na ₂ EDTA•2H ₂ O	37.25	L-Glutamine	100
Ferrous Sulfate•7H ₂ O	27.85	Glycine (Free Base)	2
Magnesium Sulfate, Anhydrous	100	myo-Inositol	100
Manganese Sulfate•H ₂ O	25	Nicotinic Acid (Free Acid)	5
Molybdic Acid (Sodium Salt) •2H ₂ O	0.25	Pyridoxine•HCl	0.5
Potassium Phosphate, Monobasic	300	Sucrose	20,000
Zinc Sulfate•7H ₂ O	10	Thiamine•HCl	0.5
Agar	5000		

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).