

**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).