



## Product Information Sheet

# B138 BM-1 Terrestrial Orchid Medium w/out Agar

### Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	21.22 g/L
Storage Temp:	2-6°
Storage Temp of Stock Solution:	Preparation of concentrated solutions is not recommended as insoluble precipitates may form.
Other Notes:	Same formulation as B141 without agar.

### Formula

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

### 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

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