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
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
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

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