

Product Information Sheet

B470 BM-2 Terrestrial Orchid Medium w/out Agar

Properties

Form:	Powder
Appearance:	White to Cream
Application:	Plant Tissue Culture
Solubility:	Soluble in Water
Typical Working Concentration:	21.22 g/L
Storage Temp:	2-6° C
Storage Temp of Stock Solution:	Preparation of concentrated solutions is not recommended as insoluble precipitates may form.
Other Notes:	Same formulation as B141 with 0.2 mg/L BA Unadjusted pH = 5.0 – 6.0 BM-2 differs from BM Medium in that it (BM-2) has no inorganic nitrogen and it contains hydrolyzed casein, L-glutamine and BA.

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
6-Benzylaminopurine (BA)	0.2

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.

Well suited for the terrestrial orchids Paphiopedilum and Phragmipedium.

References

According to "The Orchid Seedbank Project" this was originally cited by Van Waes, 1984. In vitro studie van de kiemingsfysiologie van Westeuropese orchideeën. Thesis. Rijkuniversiteit Gent.

Revised 2/2013

India Contact

Life Technologies (India) Pvt Ltd.

306, Agarwal City Mall, Road 44, Pitampura, Delhi - 110034 (India)

Tel: +91-11-4220-8000; 4220-8111; 4220-8222 Fax: +91-11-4220-8444, Mobile: +91-98105-21400

Email - customerservice@lifetechindia.com | customerservice@atzlabs.com