Product Information Sheet

C206
Cape Sundew/ Venus Flytrap Multiplication Basal Medium

Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	2.12 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:	Contains the macro- and micronutrients, vitamins, and plant growth regulators required to culture Cape Sundew and Venus Flytrap. pH = 3.0 – 4.0

Formula (mg/L)

Ammonium Nitrate	400	Molybdic Acid (Sodium Salt)·$2H_2O$	0.25
Boric Acid	6.2	Potassium Nitrate	480
Calcium Chloride, Anhydrous	332.2	Sodium Phosphate Monobasic	380
Cobalt Chloride·$6H_2O$	0.025	Zinc Sulfate·$7H_2O$	8.6
Cupric Sulfate·$5H_2O$	0.025	Adenine Hemisulfate	80
Disodium EDTA·$2H_2O$	74.5	6-γ,γ-Dimethylallylaminopurine (2IP)	1.0
Ferrous Sulfate	55.7	myo-Inositol	100
Magnesium Sulfate, Anhydrous	180.7	Thiamine·HCl	0.4
Manganese Sulfate·H_2O	16.9		

Application Notes

Plant Tissue Culture Tested
Plant Species: Cape Sundew (*Drosera capensis*), Venus Flytrap (*Dionaea muscipula*)

References

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