

Product Information Sheet

C216

Cape Sundew/ Venus Flytrap Pretransplant Basal Medium

Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	2.20 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 and vitamins required to culture Cape Sundew and Venus Flytrap. Typical pH (unadjusted) = 4.5 – 5.5; see certificate of analysis for lot-specific value. Adjust pH to desired level during medium preparation.

Formula (mg/L)

Ammonium Nitrate	825
Boric Acid	3.1
Calcium Chloride, Anhydrous	166.5
Cobalt Chloride·6H ₂ O	0.0125
Cupric Sulfate·5H ₂ O	0.0125
Ferric Sodium EDTA	18.35
Magnesium Sulfate, Anhydrous	90.5
Manganese Sulfate·H ₂ O	8.45

Molybdic Acid (Sodium Salt)·2H ₂ O	0.125
Potassium Iodide	0.415
Potassium Nitrate	950
Potassium Phosphate Monobasic	85
Zinc Sulfate·7H ₂ O	4.3
myo-Inositol	50
Thiamine·HCl	0.2

Application Notes

Plant Tissue Culture Tested

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

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