



## 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 stimulate multiplication in cultures of Cape Sundew and Venus Flytrap. Typical (unadjusted ) pH = 3.0 – 4.0; see certificate of analysis for lot-specific value. Adjust pH to desired level during medium preparation.

#### Formula (mg/L)

Ammonium Nitrate	400
Boric Acid	6.2
Calcium Chloride, Anhydrous	332.2
Cobalt Chloride·6H <sub>2</sub> O	0.025
Cupric Sulfate·5H <sub>2</sub> O	0.025
Disodium EDTA·2H <sub>2</sub> O	74.5
Ferrous Sulfate	55.7
Magnesium Sulfate, Anhydrous	180.7
Manganese Sulfate·H <sub>2</sub> O	16.9

Molybdic Acid (Sodium Salt)·2H <sub>2</sub> O	0.25
Potassium Nitrate	480
Sodium Phosphate Monobasic	380
Zinc Sulfate·7H <sub>2</sub> O	8.6
Adenine Hemisulfate	80
6-γ,γ-Dimethylallylaminopurine (2IP)	1.0
myo-Inositol	100
Thiamine·HCl	0.4

#### Application Notes

Plant Tissue Culture Tested

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

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