## 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.<br>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·$6H_2O$ | 0.0125 |
| Cupric Sulfate·$5H_2O$ | 0.0125 |
| Ferric Sodium EDTA | 18.35 |
| Magnesium Sulfate, Anhydrous | 90.5 |
| Manganese Sulfate·$H_2O$ | 8.45 |

| | |
|---|---|
| Molybdic Acid (Sodium Salt)·$2H_2O$ | 0.125 |
| Potassium Iodide | 0.415 |
| Potassium Nitrate | 950 |
| Potassium Phosphate Monobasic | 85 |
| Zinc Sulfate·$7H_2O$ | 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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**_Phyto_Technology Laboratories®**
P.O. Box 12205; Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 or 1-913-341-5343; Fax: 1-888-449-8682 or 1-913-341-5442
Web Site: www.phytotechlab.com
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