## Product Information Sheet

# V882
# Vacin & Went Modified Orchid Basal Medium

### Properties

| | |
|---|---|
| Form: | Powder |
| Appearance: | White to Off-White powder |
| Application: | Orchid Culture |
| Solubility: | Water |
| Typical Working Concentration: | 1.67 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 as described by Vacin and Went (1949) modified with an equivalent iron molar concentration of ferrous sulfate in place of ferric tartrate.<br>Without Sucrose |

### Formula

| | |
|---|---|
| Ammonium Sulfate | 500 |
| Calcium Phosphate, Tribasic | 200 |
| $Na_2$ EDTA•$2H_2O$ | 37.26 |
| Ferrous Sulfate•$7H_2O$ | 27.8 |
| Magnesium Sulfate, Anhydrous | 122.1 |
| Manganese Sulfate•$H_2O$ | 5.0875 |
| Potassium Nitrate | 525 |
| Potassium Phosphate, Monobasic | 250 |
| Thiamine•HCl | 0.4 |

### Application Notes
Plant Tissue Culture Tested

### References
Vacin, EF and EW Went. 1949. Bot. Gaz. 110: 605-613.

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*Phyto* Technology Laboratories, LLC
P.O. Box 12205; Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 or 913-341-5343; Fax: 1-888-449-8682 or 913-341-5442
Web Site: www.phytotechlab.com
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