



Product Information Sheet

W865 Westvaco WV5 Basal Medium

Properties

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|---------------------------------|--|
| Form: | Powder |
| Appearance: | White to Yellow Powder |
| Application: | Plant Tissue Culture |
| Solubility: | Water |
| Typical Working Concentration: | 5.22 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 as described by Coke (1996). |

Formula

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|---|--------|
| Ammonium Nitrate | 700 |
| Boric Acid | 31.0 |
| Calcium Chloride, Anhydrous | 452.88 |
| Cobalt Chloride•6H ₂ O | 0.025 |
| Cupric Sulfate•5H ₂ O | 0.25 |
| Ferric Sodium EDTA | 36.7 |
| Magnesium Sulfate, Anhydrous | 903.79 |
| Manganese Sulfate•H ₂ O | 15.16 |
| Molybdic Acid (Sodium Salt) •2H ₂ O | 0.25 |

| | |
|-----------------------------------|---------|
| Potassium Chloride | 718.67 |
| Potassium Iodide | 0.83 |
| Potassium Nitrate | 1084.06 |
| Potassium Phosphate, Monobasic | 270 |
| Zinc Sulfate•7H ₂ O | 8.6 |
| myo-Inositol | 1000 |
| Thiamine•HCl | 0.4 |

Application Notes

Plant Tissue Culture Tested
Plant species: *Pinus* spp.

References

Coke, JE. 1996. US Patent 5,534,433.

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