



Product Information Sheet

R756 Rose Modified Initiation Basal Medium Stage I

Properties

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|---------------------------------|---|
| Form: | Powder |
| Appearance: | White to Yellow |
| Application: | Plant Tissue Culture |
| Solubility: | Water |
| Typical Working Concentration: | 4.51 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 FeNaEDTA in place of Ferrous Sulfate and Disodium EDTA. Contains the micro and macronutrients required for rose initiation. pH = 3.0 – 4.0 |

Formula (mg/L)

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|--|-------|
| Ammonium Nitrate | 1650 |
| Boric Acid | 6.2 |
| Calcium Chloride, Anhydrous | 333 |
| Cobalt Chloride•6H ₂ O | 0.025 |
| Cupric Sulfate•5H ₂ O | 0.025 |
| Ferric Sodium EDTA | 36.7 |
| Magnesium Sulfate, Anhydrous | 181 |
| Manganese Sulfate•H ₂ O | 16.9 |
| Molybdic Acid (Sodium Salt) •2H ₂ O | 0.25 |
| Potassium Iodide | 0.83 |
| Potassium Nitrate | 1900 |
| Potassium Phosphate, Monobasic | 170 |

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|-----------------------------------|------|
| Zinc Sulfate•7H ₂ O | 8.6 |
| L-Ascorbic Acid | 50 |
| 6-Benzylaminopurine (BA) | 2.0 |
| Citric Acid (Free Acid) Anhydrous | 50 |
| Glycine (Free Base) | 2 |
| Indole-3-acetic Acid | 0.30 |
| myo-Inositol | 100 |
| Nicotinic Acid (Free Acid) | 0.5 |
| Pyridoxine•HCl | 0.5 |
| Thiamine•HCl | 0.4 |

Application Notes

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

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