



Product Information Sheet

R758 Rose Modified Rooting Basal Medium Stage III

Properties

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|---------------------------------|--|
| Form: | Powder |
| Appearance: | White to Yellow Powder |
| Application: | Plant Tissue Culture |
| Solubility: | Water |
| Typical Working Concentration: | 1.18 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. pH = 4.5 – 5.5 |

Formula (mg/L)

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|---|-------|
| Ammonium Nitrate | 412.5 |
| Boric Acid | 1.55 |
| Calcium Chloride, Anhydrous | 83.25 |
| Cobalt Chloride•6H ₂ O | 0.006 |
| Cupric Sulfate•5H ₂ O | 0.006 |
| Ferric Sodium EDTA | 9.175 |
| Magnesium Sulfate, Anhydrous | 45.25 |
| Manganese Sulfate•H ₂ O | 4.725 |
| Molybdc Acid (Sodium Salt) •2H ₂ O | 0.063 |
| Potassium Iodide | 0.208 |

| | |
|--------------------------------|------|
| Potassium Nitrate | 475 |
| Potassium Phosphate, Monobasic | 42.5 |
| Zinc Sulfate•7H ₂ O | 2.15 |
| Glycine (Free Base) | 2 |
| myo-Inositol | 100 |
| a-Naphthaleneacetic Acid | 0.03 |
| Nicotinic Acid (Free Acid) | 0.5 |
| Pyridoxine•HCl | 0.5 |
| Thiamine•HCl | 0.4 |

Application Notes

Plant Tissue Culture Tested

Plant species: *Rosa* spp.

Rooting may be enhanced by supplementing this medium with 0.1 – 0.5 mg/L IBA

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