

Product Information Sheet

R758

Rose Modified Rooting Basal Medium Stage III

Properties

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)

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
Molybdcic 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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