



Product Information Sheet

S806

Schenk & Hildebrandt Modified Basal Salt Mixture Without Calcium

Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	3.05 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 Schenk and Hildebrandt (1972); without Calcium Chloride

Formula (mg/L)

Ammonium Phosphate, Monobasic	300
Boric Acid	5
Cobalt Chloride•6H ₂ O	0.1
Cupric Sulfate•5H ₂ O	0.2
Na ₂ EDTA•2H ₂ O	20
Ferrous Sulfate•7H ₂ O	15
Magnesium Sulfate, Anhydrous	195.4

Manganese Sulfate•H ₂ O	10
Molybdcic Acid (Sodium Salt) •2H ₂ O	0.1
Potassium Iodide	1
Potassium Nitrate	2500
Zinc Sulfate•7H ₂ O	1

Application Notes

Plant Tissue Culture Tested

References

Schenk, RU and AC Hildebrandt. 1972. Medium and Techniques for Induction and Growth of Monocotyledonous and Dicotyledonous Plant Cell Cultures. Can. J. Bot. 50: 199-204.

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