



Product Information Sheet

B144 Banana AGS Basal Medium

Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	4.71 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, vitamins, and plant growth regulators required to culture bananas. pH = 4.25 – 5.25

Formula (mg/L)

Ammonium Nitrate	1650	Potassium Nitrate	1900
Boric Acid	6.2	Potassium Phosphate Monobasic	170
Calcium Chloride, Anhydrous	333	Sodium Phosphate Monobasic	295
Cobalt Chloride·6H ₂ O	0.025	Zinc Sulfate·7H ₂ O	8.6
Cupric Sulfate·5H ₂ O	0.025	6- , -Dimethylallylaminopurine (2IP)	10
Ferric Sodium EDTA	36.7	Indole-3-acetic Acid	1.0
Magnesium Sulfate, Anhydrous	181	myo-Inositol	100
Manganese Sulfate·H ₂ O	16.9	Thiamine·HCl	0.4
Molybdic Acid (Sodium Salt)·2H ₂ O	0.25		
Potassium Iodide	0.83		

Application Notes

Plant Tissue Culture Tested
Plant Species: Musa

References

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