



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
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
Sodium Phosphate Monobasic	295
Zinc Sulfate·7H ₂ O	8.6
6-γ,γ-Dimethylallylaminopurine (2IP)	10
Indole-3-acetic Acid	1.0
myo-Inositol	100
Thiamine·HCl	0.4

Application Notes

Plant Tissue Culture Tested
Plant Species: Musa

References

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