



Product Information Sheet

T868 TM4G Basal Medium

Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	2.99 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:	

Formula

Ammonium Nitrate	320
Ammonium Phosphate, Monobasic	230
Ammonium Sulfate	130
Boric Acid	6.2
Calcium Chloride, Anhydrous	113.25
Cobalt Chloride•6H ₂ O	0.025
Cupric Sulfate•5H ₂ O	0.025
Na ₂ EDTA •2H ₂ O	18.65
Ferrous Sulfate	13.9
Magnesium Sulfate, Anhydrous	122.12
Manganese Sulfate•H ₂ O	16.9
Molybdic Acid (Sodium Salt) •2H ₂ O	0.25

Potassium Iodide	0.83
Potassium Nitrate	1900
Zinc Sulfate•7H ₂ O	9.2
D-Biotin	0.05
Folic Acid	0.5
Glycine (Free Base)	2.5
myo-Inositol	100
Nicotinic Acid (Free Acid)	5
Pyridoxine•HCl	0.5
Thiamine•HCl	0.5

Application Notes

Plant Tissue Culture Tested

References

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