

Product Information Sheet

W865 Westvaco WV5 Basal Medium

Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	5.22 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 and vitamins as described by Coke (1996).

Formula

Ammonium Nitrate	700
Boric Acid	31.0
Calcium Chloride, Anhydrous	452.88
Cobalt Chloride•6H ₂ O	0.025
Cupric Sulfate•5H ₂ O	0.25
Ferric Sodium EDTA	36.7
Magnesium Sulfate, Anhydrous	903.79
Manganese Sulfate•H ₂ O	15.16
Molybdic Acid (Sodium Salt) •2H ₂ O	0.25

Potassium Chloride	718.67
Potassium Iodide	0.83
Potassium Nitrate	1084.06
Potassium Phosphate, Monobasic	270
Zinc Sulfate•7H ₂ O	8.6
myo-Inositol	1000
Thiamine•HCl	0.4

Application Notes

Plant Tissue Culture Tested
Plant species: *Pinus* spp.

References

Coke, JE. 1996. US Patent 5,534,433.

Revised 5/2007

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