Product Information Sheet

L444
Lloyd & McCown WPM Modified Basal Salt Mixture without Ammonium Nitrate, Calcium Nitrate, And Potassium Sulfate

Synonym: WPM Micronutrients

Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	0.53 g/L
Storage Temp:	2 – 6° C
Storage Temp of Stock Solution:	2 – 6° C
Other Notes:	Contains the micronutrients as described by Lloyd and McCown (1981).

Formula (mg/L)

Boric Acid	6.2
Calcium Chloride, Anhydrous	72.5
Cupric Sulfate•5H_2O	0.25
Na_2 EDTA•2H_2O	37.3
Ferrous Sulfate•7H_2O	27.85
Magnesium Sulfate, Anhydrous	180.7
Manganese Sulfate•H_2O	22.3
Molybdic Acid (Sodium Salt) •2H_2O	0.25
Potassium Phosphate, Monobasic	170
Zinc Sulfate•7H_2O	8.6

Application Notes

Plant Tissue Culture Tested
For additional information, see the “Application Notes” for products L154 or L449

References

Lloyd, G and BH McCown. 1981. Commercially-feasible micropropagation of Mountain Laurel, *Kalmia latifolia* , by shoot tip culture. Proc. Int. Plant Prop. Soc. 30:421-427.

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