



Product Information Sheet

C2020 MS Cannabis Multiplication Basal Salt Mixture with meta-Topolin

Properties

Form:	Powder
Appearance:	White to Yellow
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	34.44 g/L
Storage Temp:	2-8°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 as described by Murashige and Skoog (1962) and vitamins as described by Gamborg, et al. (1968). pH = 3.5 – 4.5

Formula (mg/L)

Ammonium Nitrate	1650
Boric Acid	6.2
Calcium Chloride, Anhydrous	332.2
Cobalt Chloride•6H ₂ O	0.025
Cupric Sulfate•5H ₂ O	0.025
Na ₂ EDTA•2H ₂ O	37.26
Ferrous Sulfate	27.8
Magnesium Sulfate, Anhydrous	180.7
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
Zinc Sulfate•7H ₂ O	8.6
Sucrose	30,000
meta-Topolin	0.5
myo-Inositol	100
Nicotinic Acid (Free Acid)	1
Pyridoxine•HCl	1
Thiamine•HCl	10

Application Notes

Plant species: *Cannabis sp.*

References

Lata et al. (2016) *J. App. Res. Med. and Aromatic Plants*. Volume 3(1):18- 26