



Product Information Sheet

C1935 Carnivorous Plant (Nepenthes) Basal Salt Mixture

Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Carnivorous Plant Culture
Solubility:	Soluble in Water
Typical Working Concentration:	0.65 g/L
Storage Temp:	2 - 6° C
Storage Temp of Stock Solution:	Preparation of concentrated stock solution is not recommended as insoluble precipitates may form.
Other Notes:	Does not contain sucrose, plant growth regulators, or gelling agent.

Formula (mg/L)

Ammonium Nitrate	160.1	Manganese Sulfate, Monohydrate	16.902
Boric Acid	9.275	Molybdic Acid, Disodium, Dihydrate	0.242
Calcium Chloride	33.94	Potassium Iodide	0.830
Cobalt Chloride, Hexahydrate	0.024	Potassium Nitrate	202.2
Cupric Sulfate, Pentahydrate	0.025	Sodium Phosphate, Monobasic	138.01
FeNa-EDTA	36.72	Zinc Sulfate, Heptahydrate	11.502
Magnesium Sulfate, Anhydrous	36.11		

Application Notes

Plant Tissue Culture Tested

Plant Species: Carnivorous Plants

This medium is commonly supplemented with MS Vitamins (e.g., M533, M553) and 25 g/L sucrose.

References

R. de Fossard. Posted on the Plant TC Listserv, Sept. 2009. Subject: *Nepenthes diatas*.

(<http://lists.umn.edu/cgi-bin/wa?A2=ind0901&L=PLANT-TC&T=0&F=&S=&X=1050D3258E48269160&P=2728>).

Also posted on:

<http://www.labflytrap.com/forum/viewtopic.php?f=7&t=209&start=0>.

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