



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>.

India Contact

Life Technologies (India) Pvt Ltd.

306, Agarwal City Mall, Road 44, Pitampura, Delhi - 110034 (India)

Tel: +91-11-4220-8000; 4220-8111; 4220-8222 Fax: +91-11-4220-8444, Mobile: +91-98105-21400

Email - customerservice@lifetechindia.com | customerservice@atzlabs.com