

Technical Information

CHU (N6) Microelements Solution (100X)

Product Code: PL1002

Composition**

Ingredients	mg/Litre
Manganese sulphate.H ₂ O	333.00
Boric acid	160.00
Potassium iodide	80.00
Zinc sulphate.7H ₂ O	150.00
Ferrous sulphate.7H ₂ O	2780.00
EDTA disodium salt.2H ₂ O	3726.00
TOTAL	7.23gm/1000ml

Directions

Use 10ml per litre of microelements stock solution.

Quality Control

Appearance

Colourless to yellow, clear solution.

pH

2.4 ±0.5 of 100ml microelements stock solution.

Cultural Response

Growth promoting activity of solution is assessed after addition of this product in complete medium using shoot tips, nodes or callus for 5 weeks at 25°C ±2°C with 16 hrs photoperiod and 8 hrs darkness. Actively growing shoots and callus is observed.

Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Further Reading

1. Chu C.C., Wang C.C., Sun C.S., Hus C., Yin K.C., Chu C.Y. & Bi F.Y., (1975),Scientia Sinic., 18, 659-668.
2. Chu C.C, Wang C.C & Sun C.S., (1978), In: Proc. Symp. Plant Tissue Culture, Science Press,Peking, 45-50.

Storage Temperature and Shelf Life

Store product at 2-8°C away from bright light. Shelf life of product is 13 months. Use before expiry date.

Plant Tissue Culture



Product Specification

cdhfinechemical.com

Disclaimer

- User must ensure suitability of the product(s) in their application prior to use.
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