Technical Data

Nitsch & Nitsch Macroelements Solution (10X) PL013

Composition :

Ingredients	milligrams/1000ml
Potassium nitrate	9500.00
Ammonium nitrate	7200.00
Calcium chloride.$2H_2O$	2200.00
Magnesium sulphate	903.44
Potassium phosphate monobasic	680.00
TOTAL	**20.48 gm/1000ml**

Directions : Use 100ml per litre of macroelements stock solution.

Quality Control : Appearance : Colourless to yellow, clear solution.
pH : 4.5 ±0.5 of 100ml macroelements 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.

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

Reference : Nitsch J.P. & Nitsch C., Science, (1969), 163, 85 - 87.

Revision 01/2014

HiMedia Laboratories Pvt. Ltd. A-516,Swastik Disha Business Park, Via Vadhani Ind. Est., LBS Marg, Mumbai-400086, India.
Customer care No.: 022-6147 1919 Email: techhelp@himedialabs.com