Technical Data

Gresshoff & Doy (DBM2) Microelements Solution (100X)  PL006

Composition :

Ingredients | milligrams/1000ml
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Manganese sulphate.\(H_2O\) | 100.01
Boric acid | 30.00
Potassium iodide | 80.00
Molybdic acid (sodium salt).\(2H_2O\) | 2.50
Zinc sulphate.\(7H_2O\) | 30.00
Copper sulphate.\(5H_2O\) | 2.50
Cobalt chloride.\(6H_2O\) | 2.50
Ferrous sulphate.\(7H_2O\) | 2780.00
EDTA disodium salt.\(2H_2O\) | 3725.00

TOTAL gm/1000ml | 6.75

Directions : Use 10ml per litre of microelements stock solution.

Quality Control : Appearance : Colourless to yellow, clear solution.

\[ \text{pH} = 2.4 \pm 0.5 \] 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.

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.


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