

Technical Information

Schenk & Hildebrandt Vitamins Solution (100X)

Product Code: PL1024

Composition**

Ingredients	mg/1000ml
myo - Inositol	100000.00
Thiamine hydrochloride	500.00
Pyridoxine hydrochloride	50.00
Nicotinic acid (Free acid)	500.00
TOTAL	101.05 gm/1000ml

Directions

Use 10ml/L of vitamins stock solution.

Quality Control

Appearance : Colourless yellow, clear solution.
pH : 3.7 ±0.5 of 50ml vitamins 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 and Shelf Life

Store product at 2-8°C away from bright light. Shelf life of product is 7 months. Use before expiry date.

Further Reading

- Schenk R.U & Hildebrandt A.C., Can. J. Bot. (1972), 50, 199 - 204.

Disclaimer :

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