

Murashige & Skoog Vitamins Solution (1000X)

PL022

Composition :

Ingredients	milligrams/1000ml
myo-Inositol	100000.00
Thiamine hydrochloride	100.00
Pyridoxine hydrochloride	500.00
Nicotinic acid (Free acid)	500.00
Glycine (Free base)	2000.00
TOTAL	103.10 gm/1000ml

Direction : Use 1ml/L of vitamins stock solution

Quality Control : Appearance : Colourless to 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 Temperature & Shelf Life : Store product at 2-8°C away from bright light. Shelf life of product is 7 months. Use before expiry date.

Reference : Murashige T. & Skoog F., *Physiol. Plant.*, (1962), 15, 473 - 497.

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Disclaimer :



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