

Product Information Sheet

N603 Nitsch & Nitsch Vitamin Solution (1000x)

Properties

Form:	Liquid
Appearance:	Clear, Yellow Solution
Application:	Plant Tissue Culture
Solubility:	Miscible in Water
Typical Working Concentration:	1 mL/ L of Medium
Storage Temp:	2-6° C
Storage Temp of Stock Solution:	2-6° C
Other Notes:	Contains the vitamins as described by Nitsch and Nitsch (1969). Myo-Inositol may precipitate out of solution when cold; warming with occasional agitation will redissolved the precipitate.

Formula

D-Biotin	50
Folic Acid	500
Glycine (Free Base)	2000
myo-Inositol	100,000
Nicotinic Acid (Free Acid)	5000
Pyridoxine•HCl	500
Thiamine•HCl	500

Application Notes

Plant Tissue Culture Tested

References

Nitsch, JP and C Nitsch. 1969. Haploid plants from pollen grains. Science 163: 85-87.

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India Contact

Life Technologies (India) Pvt Ltd.

306, Agarwal City Mall, Road 44, Pitampura, Delhi - 110034 (India)

Tel: +91-11-4220-8000; 4220-8111; 4220-8222 Fax: +91-11-4220-8444, Mobile: +91-98105-21400

Email - customerservice@lifetechindia.com | customerservice@atzlabs.com