



Product Information Sheet

S826 Schenk & Hildebrandt Vitamin Powder (100x)

Properties

Form:	Powder
Appearance:	White to Off-white Powder
Application:	Plant Tissue Culture
Solubility:	Water
Typical Working Concentration:	10.11 g/ 100 mL to prepare a 100x solution
Concentration:	10 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 Schenk and Hildebrandt (1972). pH = 3.25 – 4.75

Formula (mg/L)

myo-Inositol	100,000
Nicotinic Acid (Free Acid)	500
Pyridoxine•HCl	50
Thiamine•HCl	500

Application Notes

Plant Tissue Culture Tested

References

Schenk, RU and AC Hildebrandt. 1972. Medium and Techniques for Induction and Growth of Monocotyledonous and Dicotyledonous Plant Cell Cultures. Can. J. Bot. 50: 199-204.

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