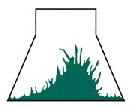
PhytoTechnology Laboratories, LLC





Product Information Sheet

G219

Gamborg Vitamin Solution (1000x)

Properties

Form: Liquid

Appearance: Clear, Colorless Solution Application: Plant Tissue Culture Solubility: Miscible with Water Typical Working

Concentration:

1.0 mL/L of Medium

Storage Temp: $2 - 6^{\circ} C$

Storage Temp of Stock Solution:

N/A

Other Notes:

Contains the vitamins as described by Gamborg (1968).

Myo-Inositol may precipitate out of solution when cold; warming with

occasional agitation will redissolved the precipitate.

pH = 3.75 - 4.75

Formula (mg/L)

myo-Inositol	100,000
Nicotinic Acid (Free Acid)	1000
Pyridoxine•HCI	1000
Thiamine•HCI	10,000

Application Notes

Plant Tissue Culture Tested

References

Gamborg, OL, RA Miller, K Ojima. 1968. Nutrient requirements of suspension cultures of soybean root cells. Exp. Cell Research 50: 151-158.

Revised 2/2007

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