

### Technical Information

#### Gamborg B5 Vitamins Solution (1000X)

**Product Code: PL1018**

#### Composition\*\*

Ingredients	mg/1000ml
myo-Inositol	100000.00
Thiamine hydrochloride	10000.00
Pyridoxine hydrochloride	1000.00
Nicotinic acid (Free acid)	1000.00
<b>TOTAL</b>	<b>112.00 gm/1000ml</b>

#### Directions

Use 1ml/L of vitamins stock solution.

#### Quality Control

##### Appearance

Colourless to yellow, clear solution.

##### pH

2.7 ±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

1. Gamborg O.L, Miller R.A. & Ojima K., Exp. Cell Res., (1968), 50, 151 - 158.

### Disclaimer :

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