
Tryptose Phosphate Broth 50X

Sterile filtered

Product Code: TCL009

Product Description :

Tryptose phosphate broth is used to supplement cell culture media. It is most commonly used to enhance the growth supporting property of Glasgow's Minimum Essential Medium for BHK-21 cells. It is also used in insect cell culture media to support the growth of SF-21 cells.

Users are advised to review the literature for recommendations regarding medium supplementation and physiological growth requirements specific for different cell lines.

Storage and Shelf Life:

Store the product at 2 - 8°C.

Shelf life of the product is 18 months.

Use before expiry date given on the product label.

Quality Control:

Appearance

Light yellow colored, clear solution.

pH

6.50 -7.10

Osmolality in mOsm/Kg H₂O

550.00 -650.00

Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Cultural Response

The growth promotion capacity of the medium is assessed qualitatively by analyzing the cells for the morphology and quantitatively by estimating the cell counts and comparing it with a control medium through minimum three subcultures.

Disclaimer :

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