Technical Information

Tryptose Phosphate Broth 50X
Sterile filtered

Product Code: TCL1009

Application:-
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.

Quality control

Appearance
Light yellow colored, clear solution.
pH
6.50 -7.10
Osmolality in mOsm/Kg H_2O
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.

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.

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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