

Tryptone Salt Broth

Intended Use

Tryptone Salt Broth is recommended for preparation of specimens, stock suspensions and decimal dilutions for the purpose of microbiological tests.

Summary

Tryptone Salt Broth is recommended by ISO Committee for preparation of specimens, stock suspensions and decimal dilutions used in various microbiological tests of food specimens.

Principle

Casein enzymic hydrolysate provides nitrogenous compounds and other essential growth nutrients. Sodium chloride maintains the osmotic equilibrium.

Formula*

Ingredients	g/L
Casein enzymic hydrolysate	1.0
Sodium chloride	8.5
Final pH (at 25°C)	7.0 ± 0.2

*Adjusted to suit performance parameters

Storage and Stability

Store dehydrated medium below 30°C in tightly closed container and the prepared medium at 2°C -8°C. Avoid freezing and overheating. Use before expiry date on the label. Once opened keep powdered medium closed to avoid hydration.

Specimen Collection and Handling

Ensure that all samples are properly labelled.

Follow appropriate techniques for handling samples as per established guidelines.

Some samples may require special handling, such as immediate refrigeration or protection from light, follow the standard procedure.

The samples must be stored and tested within the permissible time duration.

After use, contaminated materials must be sterilized by autoclaving before discarding.

Directions

1. Suspend 9.50 g of the powder in 1000mL purified / distilled water.
2. Mix Thoroughly.
3. Heat to boiling to dissolve the powder completely.
4. Sterilize by autoclaving at 121°C (15psi) for 15 minutes as per validated cycle.

Quality Control

Dehydrated Appearance: Cream to light yellow coloured, homogeneous, free flowing powder.

Prepared Appearance: Light yellow coloured to colourless, clear solution without any precipitate.

Performance and Evaluation

Performance of the product is dependent on following parameters as per product label claim:

1. Directions
2. Storage
3. Expiry

Warranty

This product is designed to perform as described on the label and package insert. The manufacturer disclaims any implied warranty of use and sale for any other purpose.

References

1. International organization for standardization (ISO): 1999, Draft ISO/DIS 6887-1.
2. Data on file: Microxpress®, A Division of Tulip Diagnostics (P) Ltd.

Product Presentation:

Cat No.	Product description	Pack Size
201200200100	Dehydrated Culture Media	100 g
201200200500	Dehydrated Culture Media	500 g

Disclaimer

Information provided is based on our inhouse technical data on file, it is recommended that user should validate at his end for suitable use of the product.
