

Technical Data Sheet

Tryptone Salt Tablets

Ordering number: 1.15421.0100

Peptone salt solution for the initial suspension and decimal dilutions for microbiological examination.

This diluent complies with the specification given by ISO 6887-1.

General Information

Content: 100 tablets packages
1 tablet for 250 ml of water.

Mode of Action

Tryptone acts as a source of carbon, nitrogen, vitamins, and minerals whilst sodium chloride maintains the osmotic balance.

Typical Composition (g/L)

Tryptone Salt Tablets	
Tryptone	1.0
Sodium chloride	8.5

pH: 7.0 ± 0.2 at 25°C

Preparation

Dissolve 1 tablet in 250 ml of purified water.

Sterilize in the autoclave at 121 °C ± 3 °C for 15 min.

The prepared diluent is clear and light amber.

The pH value at 25°C is in the range of 6.8 – 7.2.

Experimental Procedure and Evaluation

Dispense the diluent in volumes as necessary for the preparation of the initial suspensions into vessels of appropriate capacity.

Dispense further diluent in volumes as necessary for the preparation of the (decimal or other ratio) dilutions into vessels of appropriate capacity.

Storage

Store at +15 °C to +25 °C, dry and tightly closed.

Quality Control

Control strains	Inoculum on reference medium	Incubation	Reference medium	Control method	Criteria
<i>Escherichia coli</i> (WDCM 00012 or 00013))	≤100 cfu	45 min to 1 h at laboratory ambient temperature (18 °C to 27 °C)	TSA	Quantitative	±30 % of original count
<i>Staphylococcus aureus</i> (WDCM 00034)					

Please refer to the actual batch related Certificate of Analysis.

Literature

ISO International Standardisation Organisation. Microbiology of the food chain — Preparation of test samples, initial suspension, and decimal dilutions for microbiological examination — Part 1: General rules for the preparation of the initial suspension and decimal dilutions. ISO 6887-1 2017.

Ordering Information

Product	Cat. No.	Pack size
Tryptone Salt Tablets	1.15421.0100	100 tablets

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