

7.5% Sodium Chloride Broth

Cat: RL100125

Specification: 10*225ml

Storage: Store at 2-8°C, avoid light

Introduction:

I. Product use:

7.5% sodium chloride broth was used for selective enrichment culture of *Staphylococcus aureus* and other salt-tolerant bacteria.

II. Inspection principle:

Inspection principle: peptone and beef extract powder provide carbon source, nitrogen source, vitamins and minerals; Higher levels of sodium chloride provide higher osmotic pressure, inhibiting most non-staphylococcal microorganisms.

III. Composition: g/L

Peptone 10.0g

Sodium chloride 75.0g

Beef extract powder 5.0g

Distilled water 1000mL

Final pH 7.4±0.2

IV. Instructions for use: (for reference only)

Ready-to-use product: Unpacked and ready to use.

V. Quality Control:

The results of inoculating the following quality control strains into the test medium at 35-37°C for 24 hours are as follows:

Index	quality control strain and number	standard value	characteristic reaction
Growth rate	<i>Staphylococcus aureus</i> ATCC6538	on Baird Parker agar >20cfu	black raised colony surrounded by a cloudy zone, with a transparent ring on its outer layer
	+ <i>Escherichia coli</i> ATCC25922		
Selective	<i>Escherichia coli</i> ATCC25922	On TSA < 200cfu	olorless colonies, with no turbidity zone or transparent ring around it.

VI. Note:

Operate in a clean environment to avoid contamination of the culture medium.

VII. Waste disposal:

After testing, the contaminated items are placed under high-pressure sterilization at 121°C for 30 minutes.