

3% sodium chloride alkaline peptone water

Cat: RL100124

Specification: 10*90ml / 10*225ml

Storage: Store at 2-25°C, avoid light

Introduction:

I. Product use:

It can be used for enrichment culture of *Vibrio parahaemolyticus*.

II. Inspection principle:

Peptone provides carbon source, nitrogen source, vitamins, and growth factors; High levels of sodium chloride and high pH can inhibit the growth of non-vibrio bacteria, without affecting the growth of *Vibrio parahaemolyticus*.

III. Composition: g/L

Peptone 10.0g

Sodium chloride 30.0g

Distilled water 1000mL

Final pH 8.5±0.2

IV. Instructions for use: (for reference only)

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

V. Quality Control:

The following quality control strains were inoculated and cultured at 35-37°C for 6-8 hours. The observation results are shown in the following table:

Indicator	quality control strain and number	counting medium	method	standard value	characteristic reaction
Growth rate	<i>Vibrio parahaemolyticus</i> ATCC17802	3%TSA	Semi-quantitative	On the <i>Vibrio</i> chromogenic medium, >20cfu	magenta colonies
	+ <i>Escherichia coli</i> ATCC25922	TSA			
Selective	<i>Escherichia coli</i> ATCC25922	TSA		On TSA < 200cfu	-

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.