

3% NaCl Alkaline Peptone Water

Cat: RL100101

Specification: 6*225ml

Storage: Store at 2-25°C, avoid light

Introduction:

I. Product use:

For *Vibrio parahaemolyticus* growth culture.

II. Inspection principle:

Peptone provides carbon source, nitrogen source, vitamin and growth factor; High sodium chloride content and high pH value can inhibit the growth of non-vibrio bacteria, and do not affect the growth of *Vibrio parahaemolyticus*.

III. Composition: g/L

Peptone	10.0
Sodium chloride	30.0
pH	8.5 ±0.2

IV. Instructions for use: (for reference only)

Dry powder medium: Weigh 40g of this product, add 1L of distilled water or deionized water, stir, heat and boil until completely dissolved, divide into test tubes or triangle bottles, autoclave at 121°C for 10min.

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

V. Quality Control:

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

Index	Quality control strain and number	Counting medium	Method	Standard value	Characteristic reaction
Growth rate	<i>Vibrio parahaemolyticus</i> ATCC17802	3% TSA	Semi-quantitative	>20 cfu on <i>Vibrio</i> chromogenic medium	Magenta colony
	<i>Escherichia coli</i> ATCC25922	TSA			
Selective	<i>Escherichia coli</i> ATCC25922	TSA		<200cfu on TSA	-

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.