

## Buffered peptone water

**Cat:** RL100144

**Specification:** 5\*500ml

**Storage:** Store at 2-25°C, avoid light

### Introduction:

#### I. Product use:

For the pre-growth culture of Salmonella.

#### II. Inspection principle:

Peptone provides carbon source and nitrogen source to meet the needs of bacterial growth; Sodium chloride can maintain a balanced osmotic pressure; Potassium dihydrogen phosphate and disodium hydrogen phosphate are buffers.

#### III. Composition: g/L

Peptone :10.0

Sodium chloride :5.0

Anhydrous sodium hydrogen phosphate :3.57

Potassium dihydrogen phosphate :1.5

Distilled water 1000mL

Final pH7.2±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 36±1°C for 18 hours, and the observation results are shown in the following table:

Index	Quality control strain and number	Standard value	characteristic reaction
Growth rate	Salmonella enteritidis CMCC(B)50335	>20cfu on TSA plate	colony colorless
	Salmonella typhimurium ATCC14028		

#### 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.