

Buffered Peptone Water

Cat: RL100106

Specification: 6*100ml

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

pH 7.2±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 $36 \pm 1^\circ\text{C}$ 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	Colorless colony
	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.

