

## Sodium chloride-peptone buffer

(pH7.0, with 3% Tween 80, 0.3% lecithin, bottle )

Cat: RL100112

**Specification:** 15\*500ml

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

### Introduction:

#### I. Product use:

Used for dilution of pharmaceuticals and biological products.

#### II. Inspection principle:

Peptone provides nitrogen source, vitamin, amino acid and carbon source; Sodium chloride can maintain a balanced osmotic pressure. Potassium dihydrogen phosphate and disodium hydrogen phosphate are buffer agents.

#### III. Composition: g/L

Potassium dihydrogen phosphate 3.56g

Anhydrous sodium hydrogen phosphate: 5.77

nacl: 4.3

Peptone: 1.0

Distilled water: 1000mL

#### IV. Instructions for use: (for reference only)

1. Remove from storage (2-25 ° C) and return to room temperature.
2. Disinfect the surface of the bottle cap with 75% alcohol, and use after opening the bottle cap.
3. Add samples according to the prescribed method. After the sample is added, it is cultured in the incubator at the specified temperature and time.
4. after the end of the culture, take out the observation results from the incubator

#### V. Quality Control:

1. Sensory, physical and chemical indicators: light yellow, clear and sediment-free liquid, pH value of 7.0±0.2.
2. Biological indicators:

The following quality control strains were inoculated into the culture medium to be tested, and the results are as follows:

Index	Quality control strain and number	culture conditions	Standard value	characteristic reaction
Growth rate	Escherichia coli CMCC(B)44102	35~37°C, 24h	the change in colony count before and after 45 minutes is not more than ±50%	-
	Staphylococcus aureus CMCC(B)26003	35~37°C, 24h		-

#### VI. Note:

1. The storage temperature should be kept as constant as possible. Please try to choose a temperature close to the usage environment for storage. It is not recommended to store it in a refrigerator at 2-8°C for a long time to avoid excessive condensation due to large temperature differences.

2. Before using the product, it should be balanced to room temperature.

#### **VII. Waste disposal:**

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