

## NaCl-Peptone Buffer(pH7.0)

**Cat:** RL100128

**Specification:** 10\*100ml

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

### Introduction:

#### I. Product use:

For the dilution of drugs and biological products.

#### II. Inspection principle:

Peptone provides nitrogen, vitamins, amino acids and carbon sources; Sodium chloride can maintain a balanced osmotic pressure. Potassium dihydrogen phosphate and disodium hydrogen phosphate were used as buffers.

#### III. Composition: g/L

Potassium dihydrogen phosphate 3.56g

Anhydrous disodium hydrogen phosphate 5.77g

Sodium chloride 4.3g

Peptone 1.0g

Distilled water 1000mL

Final pH 7.0±0.2

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

Open the packing box and use it under class A laminar flow in the purification table/biological safety cabinet, strictly aseptic operation.

#### V. Quality Control:

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  | Standard value  | characteristic reaction |
|-------------|------------------------------------|---|-------------------------|
| Growth rate | Escherichia coli CMCC(B)44102      | The change in colony count before and after 45 minutes does not exceed ±50% | -                       |
|             | Staphylococcus aureus CMCC(B)26003 |   |                         |

#### VI. Note:

If any leakage is found, the bottle should not be used. Opened sterile liquid culture medium and buffer solution should be used up at one time, and should not be used after being sealed.

#### VII. Waste disposal:

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