

## Phosphate Buffer

**Cat:** RL100108

**Specification:** 6\*225ml

**Storage:** Store at 2-8°C, avoid light

### Introduction:

#### I. Product use:

For sample dilution.

#### II. Inspection principle:

The pH buffer system is constructed by two components, sodium dihydrogen phosphate and sodium hydroxide.

#### III. Composition: g/L

Potassium dihydrogen phosphate 34.0g

Sodium hydroxide 7.0g

Distilled water 1000mL

Final pH 7.2

#### 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 into the culture medium to be tested, and incubated at 25°C for 45 minutes. The results are as follows:

| Index       | Quality control strain and number | standard value  | characteristic reaction |
|-------------|-----------------------------------|---|-------------------------|
| Growth rate | Escherichia coli ATCC25922        | The change in colony count before and after 45 minutes does not exceed $\pm 50\%$ | Colorless colony        |
|             | Staphylococcus aureus ATCC6538    |   |                         |

#### 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.