Buffered Sodium Chloride-Peptone Solution pH 7.0

Cat: RL100100
Specification: 24*200ml /40*100ml
Storage: Store at 2-25℃，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	3.56
Anhydrous sodium hydrogen phosphate	5.77
nacl	4.3
Peptone	1.0
Purified water	1000mL
pH	7.0±0.2

IV. Instructions for use: (for reference only)

Wipe the outer bag with disinfectant, open the outer plastic bag, and use it under the A-level laminar flow in the purification workbench/biosafety cabinet, strictly aseptic operation.

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 test medium, 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℃，24h	the change in colony count before and after 45min is not more than ±50%	-
	Staphylococcus aureus CMCC(B)26003			

VI. Note:

1. 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 reused after being sealed.

VII. Waste disposal:

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