

Glucose broth (screw bottle)

Cat: RL100116

Specification: 40*50ml

Storage: Store at 2-25°C, avoid light

Introduction:

I. Product use:

Used for bacterial culture, especially for the detection of hemolytic streptococcus in disposable sanitary products and the detection of enterobacteria using glucose to produce gas.

II. Inspection principle:

Peptone and beef extract powder provide nitrogen sources, vitamins, and growth factors; Sodium chloride maintains a balanced osmotic pressure; Glucose provides a carbon source.

III. Composition: g/L

Peptone 10.0g

Beef extract powder 5.0g

Sodium chloride 5.0g

Glucose 10.0g

Distilled water 1000mL

Final pH 7.3±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 into the culture medium to be tested at 35-37°C for 24 hours, and the results are as follows:

Index	Quality control strain and number	Standard value	characteristic reaction
Growth rate	beta hemolytic streptococcus ATCC21059	turbidity 2	turbidity without gas production
Specificity	Escherichia coli ATCC25922	-	turbid gas production

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.