

Trypsin soy polymyxin B broth

Cat: RL100138

Specification: 10*225ml

Storage: Store at 2-8°C, avoid light

Introduction:

I. Product use:

It can be widely used in the culture of bacteria, especially for the test of disinfection effect of disinfectants, the non-selective culture of *Staphylococcus aureus* and the determination of *Bacillus cereus* by multi-tube fermentation.

II. Inspection principle:

Tryptone and plant peptone provide nitrogen sources, vitamins and growth factors; Glucose provides carbon source; Potassium hydrogen phosphate as buffer; Sodium chloride maintains a balanced osmotic pressure; Polymyxin B can inhibit the growth of miscellaneous bacteria.

III. Composition: g/L

Tryptone :17.0

Plant peptone :3.0

Potassium hydrogen phosphate :2.5

Sodium chloride :5.0

Glucose :2.5

Polycolistin B1: 00000UI

Distilled water :1000mL

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 quality control of pancreatic soy peptone polymyxin broth was conducted by inoculating the following quality control strains and incubating them at 28-32°C for 24 hours. The results are as follows:

Index	Quality control strain and number	Standard value	characteristic reaction
Growth rate	<i>Bacillus cereus</i> CMCC63303	MYP > 20cfu	Broth turbidity
	<i>Escherichia coli</i> ATCC25922		
	<i>Escherichia coli</i> ATCC25922	on the TSA <200 cfu	-

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.