

Tryptic Soy Broth

Cat: RL100111

Specification: 40*100ml

Storage: Store at 2-25°C, avoid light

Introduction:

I. Product use:

For the sterility test of drugs and biological products and the dilution or increase of bacteria in the microbial limit test of drugs.

II. Inspection principle:

Pancreatic cheese peptone and soybean papain digestion provide nitrogen source, vitamin and growth factor; Glucose provides carbon source; Potassium hydrogen phosphate as buffer; Sodium chloride maintains a balanced osmotic pressure.

III. Composition: g/L

Pancreatic cheese peptone: 17.0

Soybean papain hydrolysate 3.0

Potassium hydrogen phosphate: 2.5

Sodium chloride: 5.0

Glucose: 2.5

Purified water: 1000mL

pH 7.3±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 7.3±0.2.
2. Biological indicators:

The following quality control strains were inoculated into the culture medium to be tested, and the results are as follows:

Indicator	Quality control	culture	Standard value	characteristic reaction
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	strain and number	conditions		
Growth rate	Bacillus subtilis CMCC(B)63501	30~35°C, 18h	Growing well, with a level of turbidity comparable to the control	Cloudy broth
	Bacillus subtilis CMCC(B)63501	20~25°C, 48h		Cloudy broth
	Candida albicans CMCC(F)98001	20~25°C, 72h		Cloudy broth
	Aspergillus niger CMCC(F)98003	35~37°C, 3-5d		White hyphae, black spores

VI. Note:

The color of sterile liquid medium within the validity period may vary slightly, but it does not affect use.

VII. Waste disposal:

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