

SCDLP liquid medium (screw bottle)

Cat: RL100114

Specification: 40*50ml

Storage: Store at 2-25°C, avoid light

Introduction:

I. Product use:

For hydrophobic cosmetics sample treatment and bacterial growth culture in cosmetics and disposable sanitary products.

II. Inspection principle:

Casein peptone and soy peptone provide nitrogen sources, vitamins, and growth factors; Sodium chloride maintains a balanced osmotic pressure; Potassium hydrogen phosphate is used as a buffer; Glucose is a fermentable sugar; Lecithin and Tween 80 can neutralize preservatives and disperse substances in emulsions. Lecithin can neutralize quaternary ammonium salts, while Tween 80 can neutralize phenol, hexachlorophenol, and formalin. The combination of the two can neutralize ethanol.

III. Composition: g/L

Casein peptone 17.0g

Soy peptone 3.0g

Potassium phosphate dibasic 2.5g

Sodium chloride 5.0g

Glucose 2.5g

Lecithin 1.0g

Tween 80 7.0g

Distilled water 1000mL

Final pH 7.2±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 SCDLP liquid medium to be tested, and incubated at 35-37°C for 24 hours. The results are as follows:

Index	Quality control strain and number	Standard value	characteristic reaction
Growth rate	Escherichia coli ATCC25922	turbidity 2	growth well
	Staphylococcus aureus ATCC6538	turbidity 2	growth well
	Pseudomonas aeruginosa ATCC27853	turbidity 2	broth turbidity

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.