



# Technical Data

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## Lecithin Diluent Broth

M1319

### Intended Use:

Recommended as a diluent for cosmetic samples.

### Composition\*\*

Ingredients	Gms / Litre
Tryptone	1.000
Lecithin	3.000
Sodium thiosulphate	5.000
Sodium chloride	8.500
Disodium hydrogen phosphate	8.000
Potassium dihydrogen phosphate	1.500
L-Histidine hydrochloride	1.000

\*\*Formula adjusted, standardized to suit performance parameters

### Directions

Suspend 28.0 grams in 1000 ml purified/distilled water. Heat if necessary to dissolve the medium completely. Dispense into tubes or flasks as desired. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.

### Principle And Interpretation

Lecithin Diluent Broth is used as a diluent for cosmetic samples. It contains tryptone which provides carbon source for growth of a wide variety of organisms. Lecithin is added as a surface active agent. Sodium chloride maintains osmotic balance.

### Type of specimen

Cosmetic sample

## Quality Control

### Appearance

Cream to yellow coloured homogeneous free flowing powder

### Colour and Clarity of prepared medium

Light yellow coloured opalescent solution

### Cultural Response

Organism	Inoculum (CFU)	Growth
<i>Escherichia coli</i> ATCC 25922	50-100	good
<i>Staphylococcus aureus</i> ATCC 25923	50-100	good

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### Disclaimer :

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