

## Technical Information

### Lecithin Diluent Broth

**Product Code: DM 2319**

**Application:** - Lecithin Diluent Broth to use with cosmetic samples.

### Composition\*\*

Ingredients	Gms / Litre
Casein enzymic hydrolysate	1.000
Lecithin	3.000
Sodium thiosulphate	5.000
Sodium chloride	8.500
Disodium phosphate	8.000
Monopotassium phosphate	1.500
L-Histidine hydrochloride	1.000

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

### Principle & Interpretation

Lecithin Diluent Broth is recommended as a diluent for cosmetic samples. It contains casein enzymic hydrolysate which supplies carbon source for growth of a wide variety of organisms. Lecithin is added as a surface active agent. Sodium chloride helps to maintain osmotic balance.

### Methodology

Suspend 28 grams of dehydrated powder media in 1000 ml distilled water. Mix thoroughly & heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Dispense as desired.

### Quality Control

#### Appearance

Cream to yellow coloured homogeneous free flowing powder

#### Colour and Clarity

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

### Storage and Shelf Life

**Dried Media:** Store dehydrated and prepared media at 2–8°C. Use before expiry date on label.

**Prepared Media:** 2-8° in sealable plastic bags for 2-5 days.



Dehydrated Culture Media  
Bases / Media Supplements

## Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
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