Product Data Sheet

LECITHIN DILUENT BROTH

Product No. GB-DCM-00326-1A

INTENDED USE

A diluent for cosmetic samples.

PRODUCT SUMMARY

Lecithin Diluent Broth is used as a diluent for cosmetic samples.

Product Specifications

Ingredients	Gms / Ltr
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

PRINCIPLE

This medium consists of 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.

INSTRUCTION FOR USE

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

QUALITY CONTROL SPECIFICATIONS

Appearance of Powder Grey to black coloured homogeneous free flowing powder

Appearance of prepared : Black coloured opaque gel forms in Petri plates.

pH (at 25°C) : 6.9± 0.2

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Microorganism	ATCC	Inoculum (CFU/ml)	Growth	Incubation Temperature	Incubation Period
Escherichia coli	25922	50-100	Good	35-37°C	18-24 Hours
Staphylococcus aureus subsp. aureus	25923	50-100	Good	35-37°C	18-24 Hours

STORAGE

Dehydrated powder, hygroscopic in nature, store in a dry place, in tightly-sealed containers between 25-30°C and protect from direct sunlight. Under optimal conditions, the medium has a shelf life of 4 years. When the container is opened for the first time, note the time and date on the label space provided on the container. After the desired amount of medium has been taken out replace the cap tightly to protect from hydration.

Product Deterioration: Do not use if they show evidence of microbial contamination, discoloration, drying or any other signs of deterioration.

DISPOSAL

After use, prepared plates, specimen/sample containers and other contaminated materials must be sterilized before discarding.

This product is for research use only.

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