

LPT DILUTION BROTH

Powdered and ready to use liquid medium

for the sample preparation in the microbiological analysis of cosmetic products.

Typical formula (g/l)

Lecithin	3.0
Sodium Thiosulphate	5.0
Tryptic Digest of Casein	1.0
Sodium Chloride	8.5
Disodium Hydrogen Phosphate	8.0
Potassium Dihydrogen Phosphate	1.5
L-Histidine HCl	1.0

Directions for powdered medium

Suspend 28g in 1000ml of cold distilled water. Heat to dissolve and add 30ml of Tween 80. Heat to boiling, distribute and sterilise by autoclaving at 121°C for 15 minutes. Mix well after the sterilisation. Final pH 7.0 +/- 0.2

Description

LPT Dilution Broth is recommended for the homogenisation of the samples and for the preparation of decimal dilutions in the microbiological analysis of cosmetic products. The medium contains some compounds, which inhibit the activity of preservatives contained in cosmetic products.

Storage

Dehydrated medium: 10-30°C

User prepared tubes or flasks: 1 month at 2-8°C in the dark

Ready to use flasks: 2-8°C

Reference

• La Microbiologia nell'Industria Cosmetica. UNIPRO, aprile 1990, vol. 1. Ricerche e Tecnologie Cosmetiche.

Packaging

4016391	LPT Dilution Broth,	100 g (3.6 l)
4016392	LPT Dilution Broth,	500 g (17.8 l)
4016394	LPT Dilution Broth,	5 kg (178 l)
511639	LPT Dilution Broth,	6 x 90 ml ready to use flasks