



Lactophenol

S015

Lactophenol is used for staining as well as wet mounting of fungi. Lactic acid preserves the fungal structure and clears the tissue while phenol acts as a disinfectant.

Composition**

Ingredients

Lactic acid	100.0ml
Phenol	100.0gm
Glycerol	200.0ml
Distilled water	100.0ml

**Formula adjusted, standardized to suit performance parameters

Directions

- i) Place a drop of Lactophenol along with 0.05% cotton blue on a clean and dry slide and place a fungal culture in it.
- ii) By using a nichrome inoculating wire, carefully tease the fungal culture into a thin preparation.
- iii) Place a coverslip on the preparation. Wait for about 5 minutes and observe first under microscope under low power for screening in low intensity. Then observe under high power.

Quality Control

Appearance

Colourless to amber coloured solution.

Clarity

Clear without any particles.

Microscopic Examination

Fungal staining is carried out. Fungal Spores and hyphae are observed under microscope after staining.

Results

Fungal spores & hyphae : Pale to dark blue.

Storage and Shelf Life

Store below 30°C in tightly closed container and away from bright light. Use before expiry date on label.

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Disclaimer :



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