

# MycoPerm BLUE

**Manufacturer/Supplier:**

**Scientific Device Laboratory**  
411 Jarvis Ave, Des Plaines, IL 60018 USA

**General and Technical Information**

**Phone Number:** 847-803-9495  
**Website:** [www.scientificdevice.com](http://www.scientificdevice.com)

**Intended Use:**

MycoPerm Blue is a permanent mycology staining and mounting medium which is used to help in fungal identification of clinical specimens.

**Summary and Explanation:**

Lacto phenol Cotton Blue Stain has been routinely used as a mounting medium, stain, and clearing agent for the identification of dimorphic fungi. In the past, in order to make a fungal preparation into a more permanent mount it was necessary to use fingernail polish to seal the edges of the tape or a cover slip. With MycoPerm BLUE a fungal preparation is permanent and lasts for many years. MycoPerm BLUE is used to aide in the identification of fungal elements and structures.

**Principle of the Procedure:**

By either tape preparations or slide cultures growing fungi/molds are mounted on microscope slides with MycoPerm BLUE and viewed microscopically for fungal structures and elements.

**Components:**

A bottle of MycoPerm BLUE contains 12ml.

**Warnings:**

- Do not use product beyond the expiration date.
- If the MycoPerm appears too viscous, gently heat closed bottle in a 37°C: incubator or water bath.
- Once a slide is dry with MycoPerm BLUE, it will not dissolve in xylene.
- If MycoPerm BLUE gets on countertops, to remove it wash area with warm water.

**Storage:**

- Store at room temperature (15°C to 30°C)
- Store in brown bottle.
- Tighten cap on bottle after each use.

**Procedure:**

- Place one small drop of MycoPerm on a slide.
- Touch cover slip, cellophane tape, or Fungi-Tape, to growing fungal culture.
- Place the cover slip, cellophane tape, or Fungi-Tape, over the drop and gently spread fluid to eliminate air bubbles. The MycoPerm Blue will kill all fungi on cover slip, cellophane tape, or Fungi-Tape.
- Allow preparation to dry on a flat surface overnight.
- Once slide is dry any excess material can be gently scraped off with a razor blade.

**Expected Results:**

Slides can be read initially under high or low power. Once slide is dry, it can be read under oil immersion. Fungal elements and structures stain blue in color.

**Quality Control:**

Using a growing QC mold culture with either cellophane tape or Fungi-Tape, each lot of MycoPerm BLUE should be quality controlled.  
Results should be recorded in a quality control book.

**Limitations:**

Allow slides to fully dry, before storing in slide box.  
SDL'S Fungi-Tape mounts will last much longer than cellophane tape mounts.

**Safety:**









For *In vitro* diagnostic use. See SDS for additional information.  
Gloves should be worn when using MycoPerm BLUE, if skin contact wash area with warm water and soap.  
Good general microbiology techniques should be followed.

**References:**

Huber W.M., & S.M.Caplin, Arch. Dermatol.Syphilol. 56: 756, 1947.

**Product Information:**

- Catalog # 753: MycoPerm BLUE 12ml bottle
- Catalog # 752: MycoPerm RED 12ml bottle
- Catalog # 745: Fungi-Tape 1 roll approx 300 cover slips

SYMBOL LEGEND	
	Catalog Number
	In Vitro Diagnostic Medical Device
	Consult Instructions for Use (IFU)
	Temperature Limitations (Storage Temp.)
	Batch Code (Lot Number)
	Use By (Expiration Date)
	Quantity Included
	Dimensions

Supported Products Page **(QUALITY FILE ONLY)**

This Technical Insert is used for the following products:

SDL Prod ID	Description
525	<b>MycoPerm-BLUE</b> (12ml bottle/pkg)
517	<b>Mycology Starter Kit-BLUE</b> (12ml MycoPermBLUE, 6 x 3.5ml dropping bottles of 10%KOH + one rack, 3.5ml bottle Bright-Fluor/pkg)

Revision History

CR NUMBER	REVISION
1009-001	00
1017-003	01
0420-001	02