

Immersion Oil

Immersion Oil

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

Intended Use:

The Immersion Oil is used to facilitate the viewing of microscope slides with the 100x objective.

Principle of the Procedure:

The Immersion Oil has approximately the same refractive index as the glass slide. This procedure produces a homogeneous optical path which minimizes light refraction and maximizes the effective NA (numerical aperture) of the objective lens. Immersion Oil is also used between the condenser and the microscope slide in transmitted light fluorescence microscopy and in dark-field microscopy to minimize refraction, increase the NA of the objective, and improve optical resolution.

Components:

Immersion Oil (6.5 ml bottles x 6 bottles/package)

Storage:

Store at room temperature (15°C to 30°). Store tightly capped.

Expected Results:

Clear definition when viewing slide under microscope.

Limitations:

None known.

Safety:

For *In vitro* diagnostic use.

Related Product Information:

Catalog #742: Immersion Oil (6.5 ml bottles x 6 bottles/package)

Catalog# 740: Microscope Care Kit includes: Immersion Oil (6.5 ml bottles x 6 bottles/package), Lens Cleaner (6.5 ml bottles x 6 bottles/package), Immersion Oil Solvent (6.5 ml bottles x 6 bottles/package), and Lens Paper (6 packages).

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

Immersion Oil

Supported Products Page

This Technical Insert is used for the following products:

SDL Prod ID	Description
00504	Immersion Oil
00502	Microscope Care Kit

Revision History

CR NUMBER	REVISION
1210-001	00
1017-003	01
0420-001	02