Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Immersion Oil, 25ml

Product Code :

SLE/M/122



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Phone: +91-7082934803

Description :

Immersion Oil, 25ml (Product Code: SLE/M/122) is a transparent, high-refractive-index oil used with oil immersion objectives to increase microscope resolution in biology, microbiology and pathology teaching labs. A drop placed between the lens and the specimen increases the numerical aperture of the objective, giving sharper detail at the highest magnification. It issupplied in a 25 ml volume by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Volume	25 ml
Appearance	Transparent oil
Optical property	High refractive index
Function	Increases the numerical aperture of an objective, increasing microscope resolution
Application	Immersing the lens and specimen when using oil immersion objectives
Shelf life	Shelf life depends on the chemical, its grade and storage conditions;ask us for the expiry date of the batch you are quoted
Product code	SLE/M/122
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Immersion Oil Used For?

At the highest magnification, light leaving the slide bends sharply as it passes from glass into air, and much of it misses the objective. Filling that air gap with a transparent oil of high refractive index keeps the light path continuous, so the objective gathers more light and resolves finer detail. That is why Gram-stained bacteria, blood cells and chromosome spreads are examined under oil in microbiology lab practicals.

Focus the specimen first with the next lower dry objective, swing it aside, and place one small drop of oil on the cover glass over the area of interest. Rotate the oil immersion objective into the drop, focus with the fine control only, and avoid swinging a dry objective back through the oil. After the session, wipe the oil from the objective and the slide with lens tissue.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, Ambala, Haryana, which supplies this immersion oil both with its high-power microscopes and as a stand-alone consumable. Schools, colleges, research labs, dealers and importers in India and international markets can add it to microscope and slide orders. Details are on the ScienceLab company profile .

Rela

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