Email : sales@scilabexport.com
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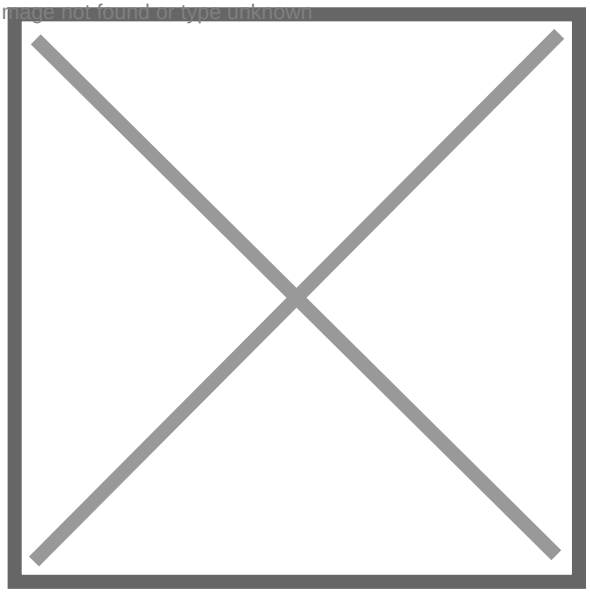
Product Name :

Methylene Blue (Cellulose)

Product Code :

SCL455/0138

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Description :

Methylene Blue (Cellulose) (Product Code: SCL455/0138) is a blue biological stain used to add contrast to plant cell walls, nuclei and cell outlines for observation under a compound microscope. It is listed for cellulose, meaning plant cell wall work, although students also meet it in cheek-cell and simple bacterial smears, and it comes as 500 ml of analytical reagent grade with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, for school biology lab equipment lists.

Specifications

Parameter	Detail
Product	Methylene blue stain
Capacity	500 ml
Grade	Analytical reagent
Documentation	Supplied with MSDS (Material Safety Data Sheet)
Listed application	Cellulose (plant cell wall) staining
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	SCL455/0138
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Methylene Blue Stain Used For?

In a typical practical, a thin plant peel or section is laid on a clean glass slide, a drop of methylene blue is added and left briefly, the excess is drained or blotted away, and a coverslip is lowered at an angle so that no air bubbles are trapped. The blue dye binds to acidic components of the cell, so walls and nuclei stand out against a pale background. Outside plant work, the same dye is familiar from cheek-cell smears in introductory cell biology and from simple staining of bacterial smears in microbiology.

A 500 ml stock is far more than one class uses in a session, so most labs decant a working quantity into a small dropper bottle and keep the main container tightly closed and out of direct sunlight. Methylene blue marks skin, clothing and bench surfaces easily, so gloves, a lab coat and a tray under the slides are sensible precautions. The MSDS supplied with the reagent covers storage, handling and disposal for secondary and senior-secondary practicals on cell structure.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, a company in Ambala, Haryana, that supplies laboratory equipment, glassware and reagents to schools, colleges and research laboratories in India and international markets. You can read more about the company on our company profile page.

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