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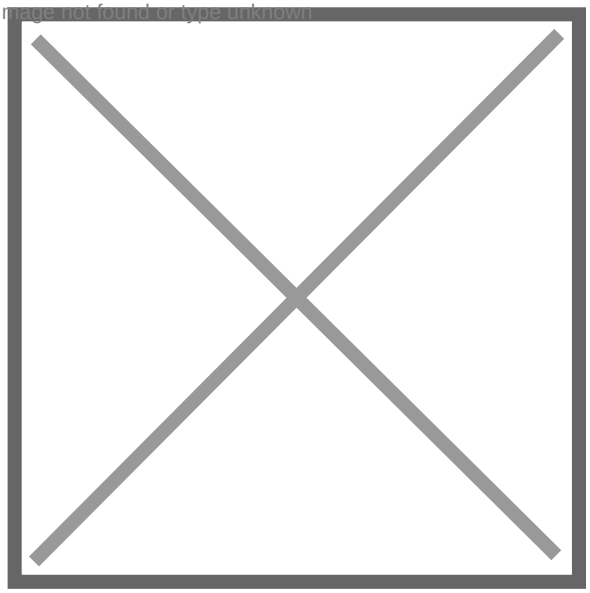
Product Name :

Oscillatoria

Product Code :

SCL467/0146

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Description :

Oscillatoria (Product Code: SCL467/0146) is a prepared microscope slide of *Oscillatoria* used to study a filamentous cyanobacterium in school and college biology practicals. Teachers of classification and plant diversity use it to show a photosynthetic prokaryote whose cells are joined end to end in long, unbranched threads, mounted on clear borosilicate glass and kept in a white rectangular plastic box. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of its prepared microscope slides for botany lab equipment collections.

Key Details

Parameter	Detail
Specimen	Oscillatoria (filamentous cyanobacterium)
Slide material	Borosilicate glass
Slide colour	Clear
Storage box	Plastic, white, rectangular
Application	Laboratory use
Product code	SCL467/0146
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Oscillatoria Slide Used For?

Oscillatoria turns up in the classification and plant-diversity units of most biology courses, where it is the usual example of a blue-green alga. Under the microscope, students trace the filament (trichome) and see that it is built from short, disc-like cells stacked like coins. Because this is a prokaryote, no chloroplasts or nucleus appear as separate structures; the pigments lie freely in the cytoplasm. The genus is named after the slow, swaying movement of living filaments, a useful talking point even though a slide shows only structure.

A good exercise is to place the slide beside a *Spirogyra* slide and ask students to list the differences between a prokaryotic and a eukaryotic filament. Start on low power to locate a group of threads, then move to high power to count cells along one filament. Clean the glass with lens tissue only and keep the slide in its box, away from heat, between classes so it stays a clear reference in your school biology lab equipment.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is based in Ambala, Haryana, and supplies this slide with other biology teaching material to schools, colleges, universities and distributors in India and international markets. Read more about the company on our company profile.

Related Biology Lab Equipment

Thes
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