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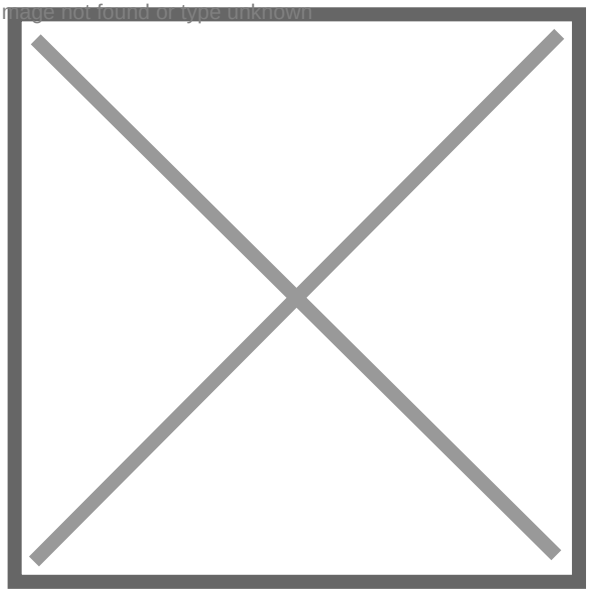
Product Name :

Spirogyra

Product Code :

SCL455/0178

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Science Lab

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Description :

Spirogyra (Product Code: SCL455/0178) is a prepared microscope slide of the filamentousgreen alga *Spirogyra*, used to show spiral chloroplasts and algal cell structure in school andcollege botany practicals. Teachers pick it for lessons on algae, plant cells and photosynthesisbecause the ribbon-like chloroplasts are easy to recognise; the specimen is mounted on clearborosilicate glass and kept in a white plastic box. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a biology lab equipment supplier in India, as one of its prepared microscope slides.

Key Details

Parameter	Detail
Type	Prepared microscope slide (alga)
Specimen	Spirogyra, unbranched filamentous green alga
Slide material	Borosilicate glass, clear
Supplied in	White plastic box, rectangular
Application	Laboratory study of algae and plant cell structure
Product code	SCL455/0178
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Spirogyra Slide Used For?

The slide is used to teach how a simple green alga is built. Each filament is a chain of cylindrical cells joined end to end; under high power students follow the spiral chloroplast as it winds round the inside of the cell wall, spot the pyrenoids spaced along it, and find the nucleus held in the middle of the cell by fine strands of cytoplasm crossing a large vacuole. Counting the chloroplast ribbons in a cell and comparing how tightly they coil in different filaments make good tasks for a practical record.

Spirogyra is also the textbook example of sexual reproduction by conjugation, in which a tube forms between cells of neighbouring filaments; the stage on this slide is not specified in our listing, so check with us if you need it. The slide fits botany lab equipment collections for school and undergraduate courses, and pairs naturally with fresh pond material mounted on plain slides and tested with iodine, which shows starch around the pyrenoids.

Supplier

Spirogyra slides are sourced and supplied by **Jain Scientific Equipments Private Limited**, which trades as **ScienceLab** from Ambala, Haryana, India, and serves schools, colleges and dealers in India and international markets. For vendor registration and export paperwork, the supplying company's Importer-Exporter Code is AAECJ8618A (DGFT) and its GSTIN is 06AAECJ8618A1ZT. See the company profile for more.

Rela

Usefu

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