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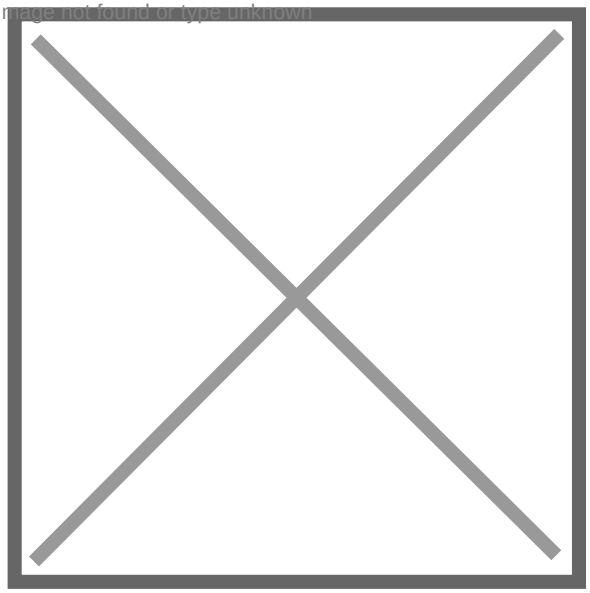
Product Name :

Section Material Leaf Monocot/Dicot

Product Code :

SCL531/0241

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Description :

Section Material Leaf Monocot/Dicot (Product Code: SCL531/0241) is botanical leaf specimen material, provided in a glass specimen jar, used to cut and compare transverse sections of monocot and dicot leaves in school and college botany laboratories. Teachers and plant anatomy students use it to see how a dorsiventral dicot leaf differs from an isobilateral monocot leaf under the microscope. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of its botany lab equipment range.

Key Details

Parameter	Detail
Type	Botanical specimen material for leaf sectioning
Plant part	Leaf — monocot / dicot, as named
Packing	Specimen provided in a glass specimen jar
Intended use	Laboratory sectioning and microscopy practicals
Product code	SCL531/0241
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Leaf Section Material Used For?

It is used for the classic plant anatomy practical in which students cut thin transverse sections of a leaf, stain them and compare the two leaf types. Leaves are thin, so they are easier to section when held between two pieces of pith or a firm vegetable such as potato. In a dicot leaf, students find elongated palisade cells beneath the upper epidermis and loosely packed spongy mesophyll below, with more stomata on the lower surface.

In a monocot leaf, the mesophyll is not divided into palisade and spongy layers, stomata occur on both surfaces, parallel vascular bundles sit inside bundle sheaths, and grasses show large bulliform cells on the upper side. An epidermal peel from the same material lets the class count stomata on each surface, which makes this a useful addition to any plant biology lab equipment list. Handle the material with gloves and close the jar promptly after use.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, Haryana, India, supplies this leaf section material to school and college botany departments. A single enquiry can also cover the prepared leaf slides, plant tissue stain and slide glassware listed in the same Biology Lab range, so a complete leaf anatomy practical can be quoted together. For vendor registration, the supplying company's Importer-Exporter Code is AAECJ8618A (DGFT) and its GSTIN is 06AAECJ8618A1ZT. More background is on our company profile.

Related Biology Lab Equipment

Items

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