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

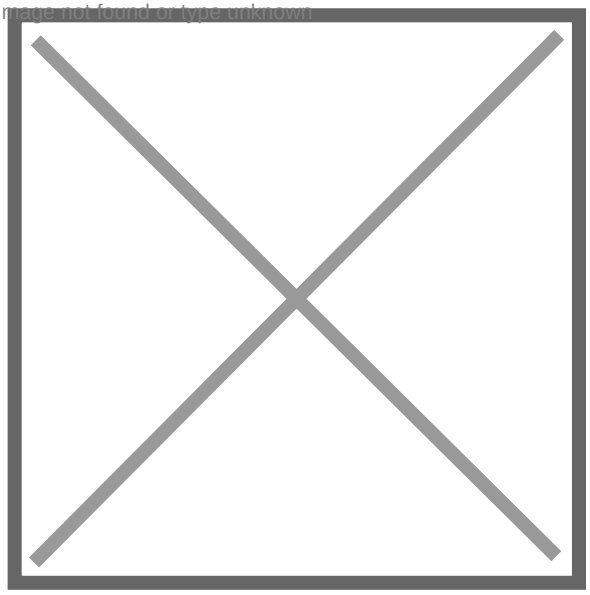
Product Name :

Monocotyledonous and Dicotyledonous Leaves, Cross Section

Product Code :

SCL439/0119

Image not found or type unknown



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

Description :

Monocotyledonous and Dicotyledonous Leaves, Cross Section (Product Code: SCL439/0119) is a prepared microscope slide used to compare the internal structure of monocot and dicot leaves in botany and photosynthesis lessons. Students use it to contrast mesophyll arrangement and vein layout in the two plant groups, shown as a coloured section on borosilicate glass. As plant biology lab equipment for leaf anatomy, the slide is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Specimens	Monocotyledonous and dicotyledonous leaves
Section	Cross section
Slide material	Borosilicate glass
Colouring	Coloured
Box	Plastic, white, rectangular
Listed dimensions	25.4 mm x 76.2 mm (1 x 3 in)
Use	Laboratory
Product code	SCL439/0119
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Monocot and Dicot Leaf Slide Used For?

Leaf sections link plant structure to photosynthesis. A typical dicot leaf shows a distinct palisade layer under the upper epidermis and loosely packed spongy mesophyll below, with most stomata on the lower surface; a typical grass-type monocot leaf has more uniform mesophyll, parallel veins cut across, and stomata on both surfaces. Students record these differences and relate them to how each leaf is held towards the light.

Find the midrib at low power first, then examine the mesophyll, veins and guard cells at higher magnification. The slide is a standard among prepared microscope slides for plant anatomy teaching and fits neatly after the root and stalk comparisons.

Supplier

Jain Scientific Equipments Private Limited supplies this leaf section slide under its trading name ScienceLab, from Ambala in Haryana. Schools and colleges can include it in a single enquiry with root and stalk slides, leaf models and microscopes for a complete plant anatomy practical. See the ScienceLab profile for company information.

Related Laboratory Equipment

Thes