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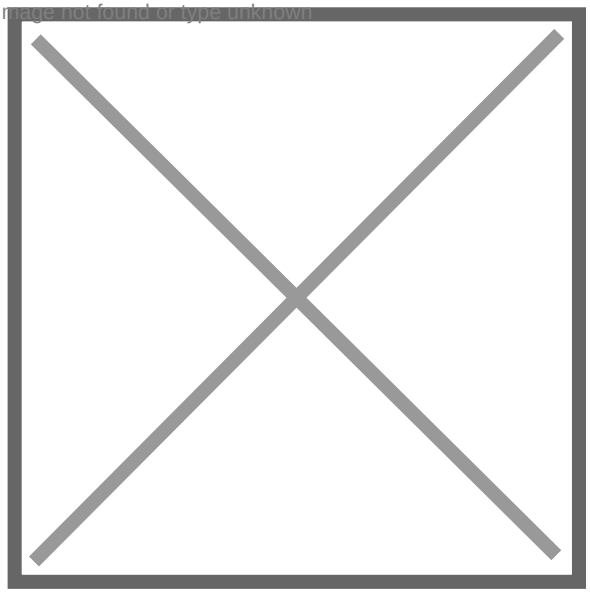
Product Name :

Fast Green (Proteins)

Product Code :

SCL453/0136

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Description :

Fast Green (Proteins) (Product Code: SCL453/0136) is a green acid dye used to counterstain protein-rich and cellulose-walled plant tissue in section-staining practicals. Botany classes pair it with safranine so that thin-walled tissue shows green against red lignified walls, and it is packed as 100 ml of analytical reagent grade stain with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, alongside the rest of its botany labequipment.

Specifications

Parameter	Detail
Stain	Fast green (listed for proteins)
Pack capacity	100 ml
Grade	Analytical reagent
Safety data	Supplied with MSDS
Shelf life	Depends on the chemical, its grade and storage conditions; ask us forthe expiry date of the batch you are quoted
Product code	SCL453/0136
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Fast Green Stain Used For?

The double-staining practical in plant anatomy is where most students meet fast green. A thin transverse section of a dicot or monocot stem is cut with a razor, stained in safranine and rinsed, then dipped very briefly in fast green before a second rinse and mounting in glycerine. Lignified tissues such as xylem and sclerenchyma keep the red of safranine, while parenchyma, phloem and other thin-walled cellulose tissues take up the green, so the vascular bundles stand out sharply for drawing and labelling.

Fast green works quickly and can easily overpower the red, so a short dip is enough and it helps to test the timing on a spare section first. In higher classes the dye's affinity for proteins is also used in cell and protein staining exercises, which is why it is listed here for proteins. Pour only what is needed into a watch glass, return nothing to the stock bottle, and rinse the section well so excess dye does not cloud the mount.

Supplier

ScienceLab is the brand of Jain Scientific Equipments Private Limited, Ambala, Haryana, which supplies stains, reagents, glassware and science apparatus to educational and research laboratories in India and international markets. For vendor registration, the supplying company is Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597, GSTIN 06AAECJ8618A1ZT). Our company profile has more details.

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