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

Product Name :

Sudan III (Animal Tissue)

Product Code :

SCL458/0140

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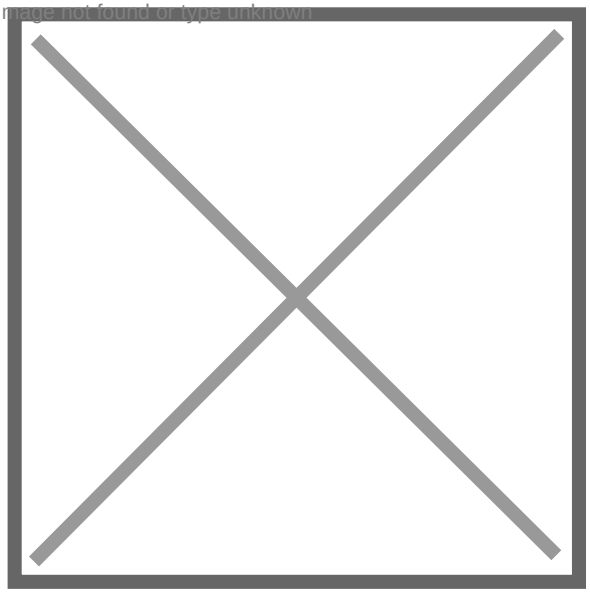

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Description :

Sudan III (Animal Tissue) (Product Code: SCL458/0140) is a fat-soluble dye used to show lipids by staining fat droplets orange-red in animal tissue preparations and food tests. Biology and physiology classes rely on it because it dissolves far more readily in fats and oils than in water, and it is packed as 125 ml of analytical reagent grade stain with an MSDS. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a biology lab equipment supplier serving schools and colleges.

Specifications

Parameter	Detail
Product	Sudan III stain
Capacity	125 ml
Grade	Analytical reagent
Documentation	Supplied with MSDS
Listed application	Animal tissue (lipid demonstration)
Shelf life	Depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted
Product code	SCL458/0140
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sudan III Stain Used For?

For the food test, a little oil, butter or crushed food is shaken with water in a test tube and a few drops of Sudan III are added. After standing, any lipid collects as a red-stained oily layer at the surface, while a lipid-free sample leaves the colour evenly spread. In histology and physiology classes the stain is applied to fresh or frozen preparations of animal tissue, where it picks out fat droplets inside cells; routine alcohol-processed permanent sections generally lose their fat, so fresh material gives the clearest result.

Wear gloves, keep the container firmly closed and store it away from heat and open flames; the MSDS supplied with the reagent sets out storage, handling and disposal. Schools stocking school biology lab equipment in India often order Sudan III together with the sugar and protein test reagents, so the full food-test practical can run from one consignment.

Manufacturer

ScienceLab is the brand name of Jain Scientific Equipments Private Limited, based in Ambala, Haryana, which manufactures stains, reagents and apparatus for teaching and research laboratories in India and international markets. For vendor registration and export paperwork, the manufacturer holds Importer-Exporter Code AAECJ8618A (DGFT) and GSTIN 06AAECJ8618A1ZT. More background is on our company profile.

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