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

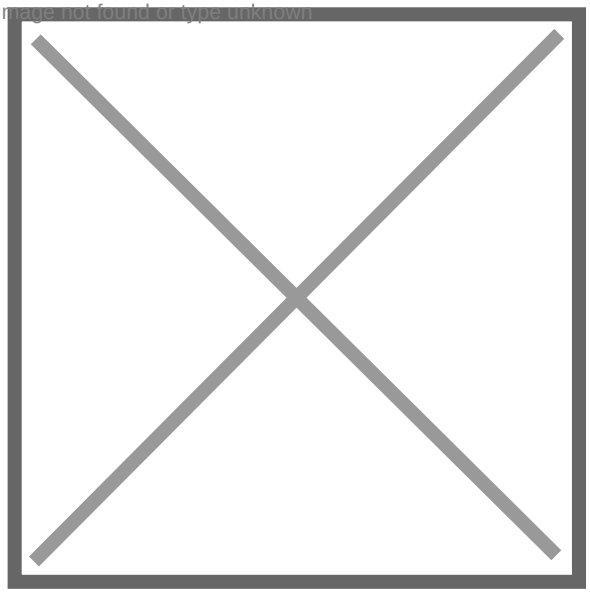
Product Name :

Ethanol

Product Code :

SCL382/098

Image not found or type unknown



Science Lab

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

Description :

Ethanol (Product Code: SCL382/098) is an analytical reagent grade alcohol used to remove chlorophyll from leaves before the iodine starch test, precipitate DNA and dehydrate stainedtissue in school and college biology practicals. Supplied in a 500 ml pack with its MSDS, it is astandard reagent in the photosynthesis experiment kit India's secondary schools and botanydepartments rely on. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, India.

Specifications

Parameter	Detail
Product	Ethanol
Grade	Analytical reagent
Pack size	500 ml
Safety documentation	Supplied with MSDS
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCL382/098
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ethanol Used For?

In the test for starch in a leaf, the leaf is first softened in boiling water, then placed in a tube of ethanol standing in the hot water bath until the green pigment dissolves out; after rinsing, iodine solution shows which parts of the leaf made starch. In DNA isolation, ice-cold ethanol poured gently onto the extract makes DNA come out of solution as white threads. For permanent slides, ethanol diluted with distilled water into a graded series gradually removes water from stained sections, pairing naturally with the stains of a staining kit for the biology lab in India.

Ethanol is highly flammable: never heat it directly over a flame, switch off burners before opening the bottle, and warm it only in a water bath heated beforehand. Keep the bottle tightly capped, away from heat and sunlight, preferably in a flammables cabinet, and follow the supplied MSDS for spills.

Supplier

This reagent is supplied under ScienceLab, the brand of **Jain Scientific Equipments Private Limited**, whose base is in Ambala, Haryana, India. The company serves educational and research laboratories with reagents, stains and apparatus, and confirms how flammable liquids will be packed for each delivery. Read about us on the company profile page.

Related Biology Lab Products

Items used with ethanol in the starch test, DNA isolation and slide preparation:

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