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

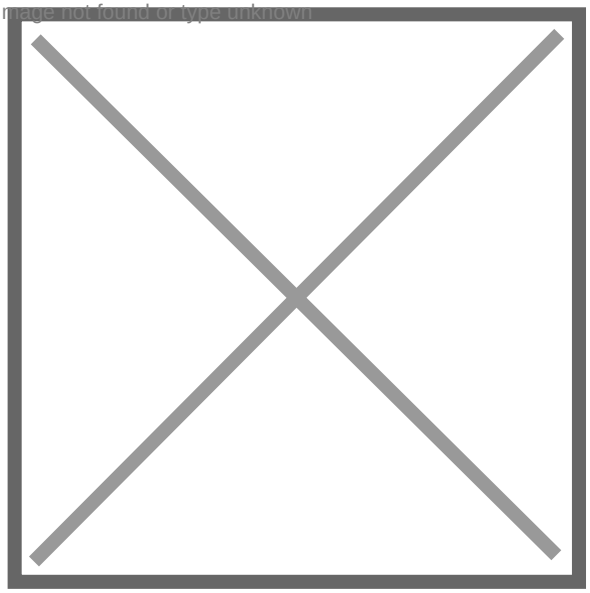
Product Name :

Sucrose

Product Code :

SCL440/0128

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Description :

Sucrose (Product Code: SCL440/0128) is an analytical reagent grade cane sugar used as the standard non-reducing sugar, osmosis solute and yeast food in school and college biology practicals. The 500 g pack gives plant biology and biochemistry classes material for many class sets of sugar-test and osmosis solutions, and each pack carries an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as one of its lab chemicalsfor teaching laboratories.

Specifications

Parameter	Detail
Chemical	Sucrose
Pack capacity	500 g
Grade	Analytical reagent
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	SCL440/0128
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sucrose Used For?

In the carbohydrate practical, a sucrose solution heated with Benedict's or Fehling's reagent stays blue, because sucrose has no free reducing group. Boiling a second portion with dilute acid splits it into glucose and fructose; after neutralising, the same test turns brick red. Running both tubes side by side, with a glucose tube as a positive control, is one of the clearest ways to teach the difference between reducing and non-reducing sugars.

Sucrose is equally useful in plant physiology. Solutions of increasing strength are used to show osmosis in potato strips or a thistle-funnel osmometer, and to demonstrate plasmolysis in onion or Rhoeo peel under the microscope, making it a staple next to plant biology lab equipment such as osmosis apparatus. Weigh it on a balance for accurate solutions, use distilled water, and make fresh solutions for each session, because sugar solutions left standing can grow moulds and bacteria.

Supplier

Sucrose is supplied by **Jain Scientific Equipments Private Limited**, trading as **ScienceLab**, which is based in Ambala, Haryana and sources reagents, glassware and laboratory apparatus for educational and research users. Institutional buyers completing vendor forms can note the company's GST registration, GSTIN 06AAECJ8618A1ZT, and its Importer-Exporter Code AAECJ8618A from the DGFT, under which export orders are shipped. Read more on our comp

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