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

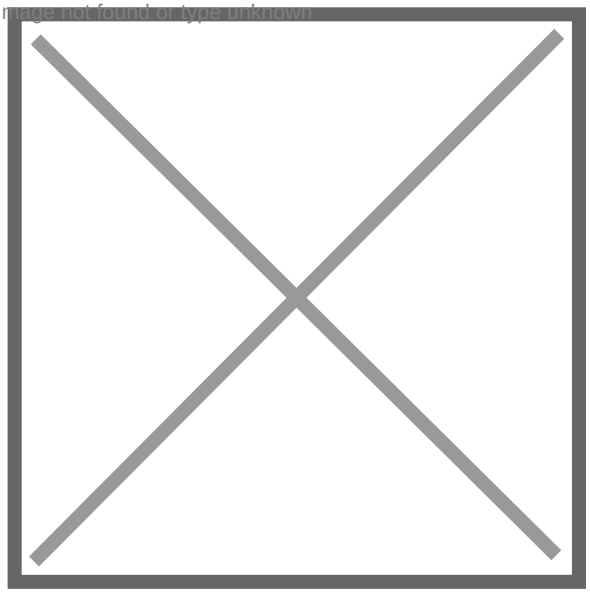
Product Name :

Glucose

Product Code :

SCL386/0102

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Description :

Glucose (Product Code: SCL386/0102) is an analytical reagent grade sugar used as the reference reducing sugar and positive control in Benedict's and Fehling's food tests in school and college biology practicals. Supplied in a 500 gm pack with its MSDS, a freshly made glucose solution gives students a dependable positive result against which to judge unknown samples. Itis supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a biology labequipment supplier in India that also provides practical reagents.

Specifications

Parameter	Detail
Product	Glucose
Grade	Analytical reagent
Pack size	500 gm
Documentation	MSDS supplied with the product
Shelf life	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	SCL386/0102
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Glucose Used For?

Teachers prepare a small set of glucose solutions of increasing strength and heat each with Benedict solution; in school labs across India this is the standard way to show the green, yellow, orange and brick-red colour series that makes Benedict's test semi-quantitative. Running glucose next to a non-reducing sugar such as sucrose also shows students why some sugars need to be hydrolysed before they give a positive result.

Beyond food tests, glucose is the usual substrate in yeast fermentation and respiration demonstrations and is used to make solutions for osmosis experiments across a semi-permeable membrane. Weigh it on a clean balance pan or weighing paper, dissolve it in distilled water, and discard leftover solution at the end of the session rather than storing it, since sugar solutions readily grow mould.

Supplier

Glucose is supplied by **Jain Scientific Equipments Private Limited**, trading as ScienceLab from Ambala in Haryana, India. Alongside its teaching apparatus, the company supplies the everyday reagents schools and colleges need to run their practical syllabus, so sugars, test reagents and glassware can come from one vendor. Visit our company profile to learn more.

Related Biology Lab Products

Other

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