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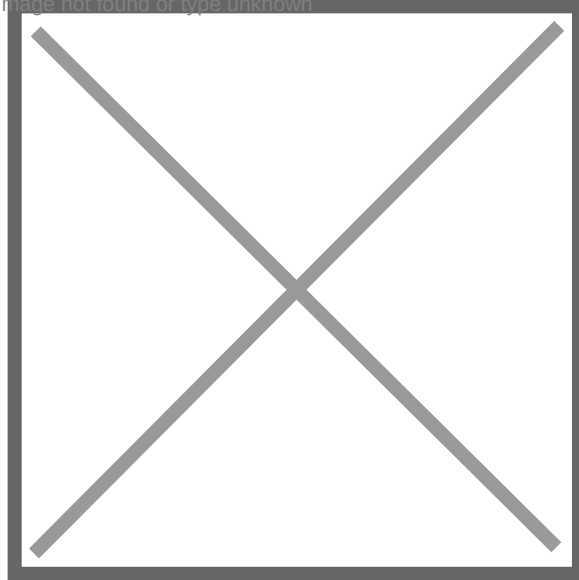
Product Name :

Benedicts Reagent (Test Of Glucose)

Product Code :

SCL370/088

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Description :

Benedicts Reagent (Test Of Glucose) (Product Code: SCL370/088) is a blue, copper-based analytical reagent in a 500 ml pack, used to detect glucose and other reducing sugars in food tests and biochemistry practicals. On heating with a sample, its colour shifts from blue towards brick-red as the sugar content rises, which makes it the staple Benedict solution for school practicals in India. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Product	Benedict's reagent for the test of glucose (reducing sugars)
Grade	Analytical reagent
Pack capacity	500 ml
Documentation	Supplied with MSDS
Shelf life	Depends on the reagent, its grade and storage conditions; ask us for the expiry date of the batch you are quoted
Product code	SCL370/088
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Benedict's Reagent Used For?

To test a sample, students mix it with Benedict's reagent in a test tube and heat the tube in a boiling water bath for a few minutes. A reducing sugar such as glucose, fructose, maltose or lactose reduces the copper ions, and the mixture moves from blue through green, yellow and orange to a brick-red precipitate — the further along that sequence, the more sugar is present. Because the result is semi-quantitative, classes can rank fruit juices, milk or germinating-seed extracts by their reducing-sugar content.

Always run a known glucose solution as a positive control and water as a negative control, and keep the heating time identical for every tube so colours can be compared fairly. As a single ready-mixed solution, the reagent suits large classes where many groups test at once. Keep the bottle capped between sessions and follow the supplied MSDS.

Supplier

This reagent is supplied under ScienceLab, the trading name of Jain Scientific Equipments Private Limited, whose operations are based in Ambala, Haryana, India. Alongside reagents, the company supplies the test tubes, beakers and sugars used in food-test lessons to biology, chemistry and physics laboratories in India and international markets. Our [company profile](#) gives more background.

Related Biology Lab

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