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

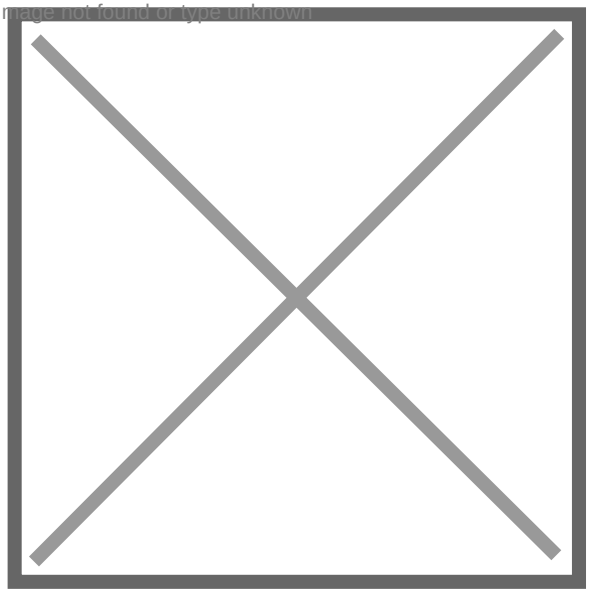
Product Name :

D-Glucose Powder Anhydrous

Product Code :

SCL-823/156

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Description :

D-Glucose Powder Anhydrous (Product Code: SCL-823/156) is water-free glucose powderused as the reference reducing sugar in carbohydrate tests and for making up glucose solutionsin school and college laboratories. Chemistry and biology teachers order it as 500 gm ofanalytical reagent, supplied with an MSDS, for Fehling, Benedict, osmosis and fermentationpracticals. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India,alongside the school chemistry lab equipment in India that the company offers.

Specifications

Parameter	Detail
Product code	SCL-823/156
Substance	D-glucose, anhydrous
Form	Powder
Grade	Analytical reagent
Pack size	500 gm
Safety sheet	MSDS supplied
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.
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is D-Glucose Powder Used For?

In food-test and carbohydrate practicals, a small amount of glucose is dissolved in water and heated with Fehling's solution, Benedict's reagent or Tollens' reagent. The brick-red precipitate or silver mirror that appears is the benchmark against which unknown sugars are judged, which is why teachers who stock Benedict solution in school laboratories usually keep a jar of pure glucose too. Molisch's test with glucose gives the violet ring that confirms a carbohydrate, and comparing glucose with sucrose shows the difference between reducing and non-reducing sugars.

Biology sections use the same powder to prepare sugar solutions of different strengths for osmosis in potato strips or raisins, and to feed yeast in simple fermentation set-ups. Because the anhydrous form picks up moisture from the air, weigh it quickly, keep the lid screwed down, and scoop with a dry spatula so that the powder stays free-flowing.

Supplier

D-Glucose Powder Anhydrous reaches laboratories through Jain Scientific Equipments Private Limited, an Ambala, Haryana company that does business as ScienceLab. The company sources laboratory reagents like this one for schools, colleges and testing laboratories in India and international markets, and quotes them together with the glassware and heating equipment a practical needs. The company profile describes its range and background.

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