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

Product Name :

Solution Fehling B

Product Code :

SCL376/088

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

Description :

Solution Fehling B (Product Code: SCL376/088) is the colourless alkaline tartrate half of Fehling's reagent, mixed with Fehling A to detect reducing sugars and aldehydes in school, college and food-science laboratories. It is supplied in a 250 ml bottle of analytical reagent grade with an MSDS, matching the bottle size of its partner solution. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, together with other school biology lab equipment.

Specifications

Parameter	Detail
Capacity	250 ml
Grade	Analytical reagent
MSDS	Supplied with the bottle
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	SCL376/088
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Fehling Solution B Used For?

Fehling B conventionally contains potassium sodium tartrate (Rochelle salt) in sodium hydroxide solution. When it is mixed with the copper sulfate of Fehling A, the tartrate holds the copper in a soluble deep-blue complex instead of letting it fall out as copper hydroxide, and the alkali provides the conditions for a sugar to reduce it. Students can then compare glucose, fruit juice, honey, milk or a sucrose solution by watching which ones form a brick-red precipitate on heating.

Because it is strongly alkaline, Fehling B is corrosive to skin and eyes, so it should be dispensed by staff or under close supervision, with goggles and gloves. Alkaline solutions can make glass stoppers stick, so keep it in a bottle with a suitable plastic or rubber closure and store it upright in the chemistry reagent cabinet, away from acids.

Supplier

Solution Fehling B is a sourced reagent. ScienceLab, the trading name of Jain Scientific Equipments Private Limited in Ambala, Haryana, supplies it with its MSDS and can combine it with Fehling A, test sugars and heating apparatus in a single quotation. Find out more about us on the company profile page.

Related Laboratory Equipment

To run a class set of Fehling tests with Solution Fehling B, add:

- Solution Fehling A — the copper sulfate half, mixed with Fehling B just before use