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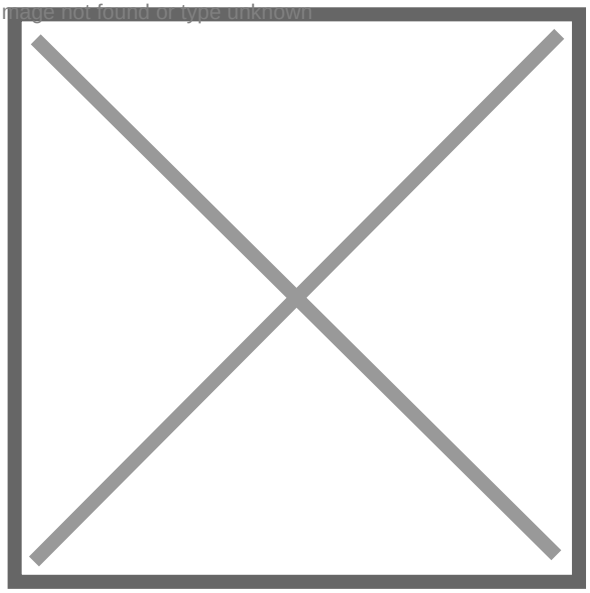
Product Name :

Fehling's SOL B (TEST OF Sucrose)

Product Code :

SCL384/0100

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Description :

Fehling's SOL B (TEST OF Sucrose) (Product Code: SCL384/0100) is the alkaline half of Fehling's reagent, used with Fehling's Solution A to test for reducing sugars and, after hydrolysis, sucrose in school and college laboratories. Packed as 500 ml of analytical reagent with its MSDS, it provides the alkali and tartrate that hold copper in solution during the test. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a chemistry consumables supplier in India for schools and colleges.

Specifications

Parameter	Detail
Product	Fehling's Solution B
Grade	Analytical reagent
Pack size	500 ml
Safety data	Supplied with MSDS
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.
Partner solution	Fehling's Solution A (listed separately)
Product code	SCL384/0100
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Fehling's Solution B Used For?

Fehling's Solution B is conventionally an alkaline solution of potassium sodium tartrate (Rochelle salt). On its own it is colourless and does nothing visible; its job begins when it meets Solution A. The tartrate binds the copper ions into a soluble deep-blue complex, and the alkali creates the conditions in which a reducing sugar can reduce that copper to red copper(I) oxide on heating. Students measure out matching volumes of A and B, mix them fresh, add the sample and heat.

Because Solution B is strongly alkaline, it is the more hazardous of the pair to handle: wear goggles and gloves, and rinse any splash with plenty of water. Keep the bottle tightly closed so the alkali does not absorb carbon dioxide, and prefer a plastic or rubber closure, since alkaline solutions can make ground-glass stoppers seize. It belongs on the reagent shelf of school chemistry lab equipment in India used for food and sugar testing.

Supplier

Jain Scientific Equipments Private Limited, operating under the ScienceLab brand, is based in Ambala, Haryana, India, and supplies reagents and teaching apparatus to educational laboratories. Food-test reagents such as this solution can be quoted together with the sugars and glassware used alongside them. You can read more on our company profile page.

Rela

Items

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