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

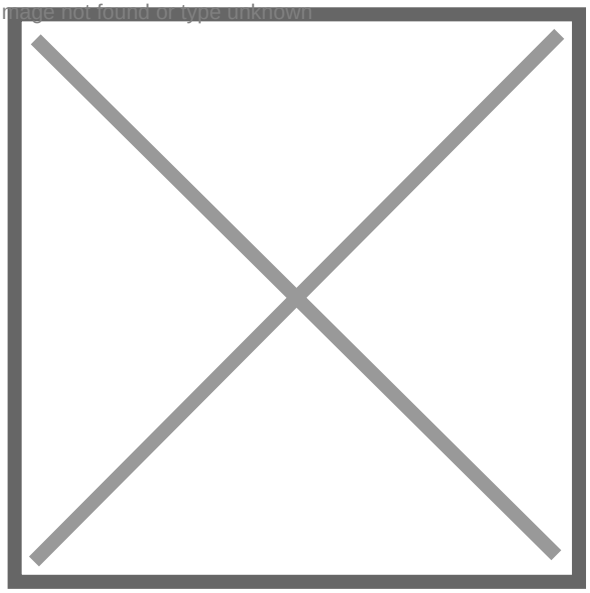
Product Name :

Fehling B Solution

Product Code :

SCL-843/165

Image not found or type unknown



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

Description :

Fehling B Solution (Product Code: SCL-843/165) is the colourless, alkaline tartrate half of Fehling's reagent, used with Fehling A to test for reducing sugars and aliphatic aldehydes in school, college and food-testing laboratories. It provides the alkaline conditions and the tartrate that keeps copper in solution, and is packed as a 500 ml analytical reagent with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab consumables supplier in India.

Specifications

Parameter	Detail
Product code	SCL-843/165
Reagent	Fehling's solution B (alkaline tartrate component)
Grade	Analytical reagent
Quantity	500 ml
Safety document	MSDS included
Partner reagent	Fehling A Solution (separate 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.
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Fehling B Solution Used For?

Without the tartrate in solution B, copper(II) ions would simply precipitate as copper hydroxide in alkali; instead they form a soluble deep blue complex that is ready to be reduced. When a sugar solution such as fructose or glucose is heated with the mixed reagent, a red precipitate forms, while sucrose stays blue unless it has first been hydrolysed with acid. Food and nutrition laboratories also use the paired Fehling solutions in the Lane-Eynon titration to estimate reducing sugars, a method that often appears in a food-science volumetric analysis kit.

Being strongly alkaline, solution B can burn skin and damage eyes, so wear gloves and goggles while dispensing. Alkaline solutions tend to seize ground-glass stoppers, so a bottle with a plastic or rubber closure is more practical for bench use, and the cap should be kept tight so the solution does not absorb carbon dioxide from the air.

Supplier

Fehling B Solution is supplied by Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, Haryana. The company sources prepared reagents for educational and testing laboratories in India and international markets. For institutional and tender buyers who need vendor registration details, the supplying company's GSTIN is 06AAECJ8618A1ZT and its LEI is 3358004HRD1JIVXKYX49. The company profile has more information.

Rela

Items