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

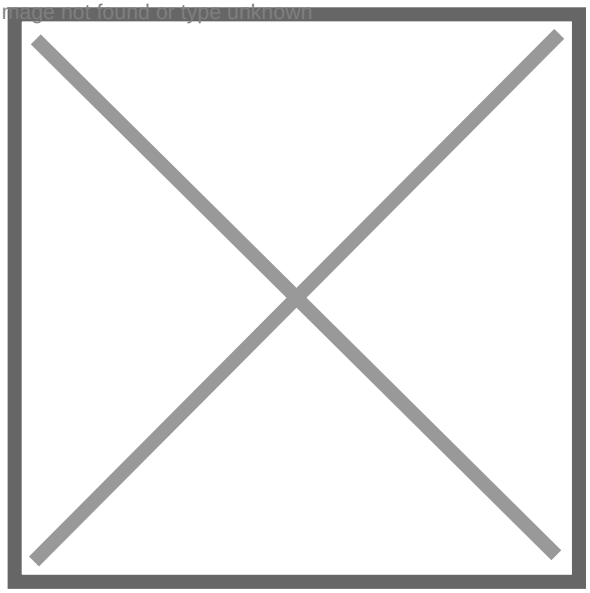
Product Name :

Sulphuric Acid (H2SO4) Cono

Product Code :

SCL443/0130

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Science Lab

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Description :

Sulphuric Acid (H2SO4) Cono (Product Code: SCL443/0130) is a concentrated mineral acid used to drive colour tests for carbohydrates and to prepare dilute acid for hydrolysis steps in school and college biology laboratories. Teachers and lab assistants order it as a 500 ml pack of analytical reagent grade, shipped with an MSDS because the acid is highly corrosive. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab chemicals supplier in India for teaching and research users.

Specifications

Parameter	Detail
Chemical	Sulphuric acid (H2SO4), concentrated
Pack capacity	500 ml
Grade	Analytical reagent
Safety document	MSDS supplied with the pack
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	SCL443/0130
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Concentrated Sulphuric Acid Used For?

In Molisch's test, a carbohydrate solution is mixed with Molisch reagent and the concentrated acid is run slowly down the side of the tilted tube so that it forms a dense bottom layer; a violet ring at the junction shows that a carbohydrate is present. The same acid is used in the Salkowski test for cholesterol and, once diluted, to hydrolyse starch or sucrose before a reducing-sugar test. Because the result depends on a clean layer, students should add the acid with a pipette fitted with a filler rather than pouring from the bottle.

Safety comes first with this reagent. Always add acid to water, slowly and with stirring, never water to acid, because dilution releases a lot of heat. Wear splash goggles and acid-resistant gloves, keep running water close by for rinsing any splash, and store the bottle upright in an acid cabinet or tray away from bases, metals and organic materials. Dispensing small volumes into labelled bench bottles keeps the stock bottle closed and clean, a habit that suits any school biology lab setup in India.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab from Ambala, Haryana, and supplies this acid as part of its reagent range for teaching and research laboratories. The company sources and dispatches chemicals, glassware and apparatus to schools, colleges, universities and institutional buyers in India and international markets. Read more about the comp

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