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

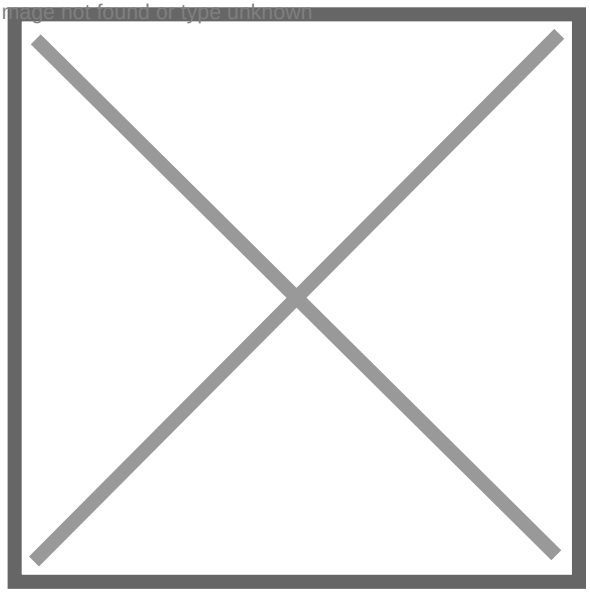
Product Name :

Sulphuric Acid Concentrated

Product Code :

SCL-987/236

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Description :

Sulphuric Acid Concentrated (Product Code: SCL-987/236) is undiluted analytical reagent grade sulphuric acid used for confirmatory tests, esterification and preparing dilute acid in supervised college and senior-school chemistry laboratories. This dense, strongly corrosive liquid comes in a 500 ml pack with its MSDS and belongs in a dedicated chemistry reagent cabinet for acids. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Product	Sulphuric acid, concentrated
Pack capacity	500 ml
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
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	SCL-987/236
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Concentrated Sulphuric Acid Used For?

In the brown ring test, the concentrated acid is run slowly down the side of a tilted tube containing a nitrate solution and freshly made ferrous sulphate; a brown ring at the junction of the two layers confirms nitrate. Warming a dry salt with the acid reveals chloride by fumes that form white clouds with ammonia, bromide by reddish-brown vapour and iodide by violet vapour. Organic practicals use a few drops to catalyse the esterification of ethanol with acetic acid, recognised by its fruity smell, and to form the violet ring of Molisch's test for carbohydrates.

Mixing with water releases a great deal of heat, so dilution must always be done by adding acid slowly to water with stirring, never the other way round. Heated tests and sugar-charring demonstrations belong in a fume cupboard, and for school labs a face shield, acid-resistant gloves and a nearby eyewash are sensible minimums. Store the bottle in an acid cabinet, apart from bases, metal powders, oxidisers and organic materials.

Supplier

The supplier of this acid is **Jain Scientific Equipments Private Limited**, trading as ScienceLab and based in Ambala, Haryana, India. Concentrated acids are sourced for supervised educational and research laboratories and dispatched in line with carrier rules to customers in India and international markets. Our company profile gives the wider picture.

Related Chemistry Lab Products

Stora

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