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

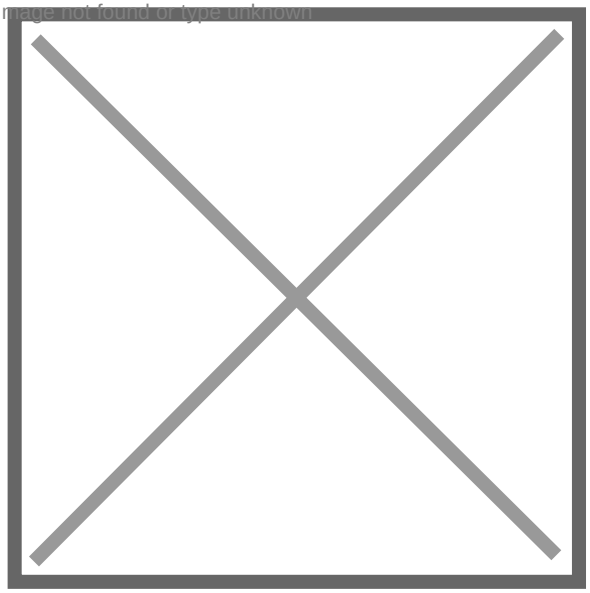
Product Name :

Sulphuric Acid Dilute

Product Code :

SCL-985/235

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Description :

Sulphuric Acid Dilute (Product Code: SCL-985/235) is ready-diluted sulphuric acid used to acidify permanganate titrations, run preliminary anion tests and prepare hydrogen in school and college chemistry laboratories. Offered in a 500 ml analytical reagent pack with its MSDS, it lets students work at the bench without handling the concentrated acid. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab chemicals supplier in India.

Specifications

Parameter	Detail
Product	Sulphuric acid, dilute
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-985/235
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Dilute Sulphuric Acid Used For?

In redox titrations with potassium permanganate, whether against oxalic acid or ferrous ammonium sulphate (Mohr's salt), dilute sulphuric acid supplies the acidic medium. It is preferred because hydrochloric acid would itself be oxidised by permanganate and nitric acid is an oxidising agent in its own right, either of which would distort the titre. A measured portion is added to each flask before titrating.

It is also the first reagent reached for in any salt analysis kit for school practicals: warming a salt with dilute acid shows carbonate by effervescence that turns lime water milky, sulphide by gas that blackens lead acetate paper, sulphite by a pungent gas, nitrite by brown fumes and acetate by a vinegar smell. With granulated zinc it produces hydrogen that burns with a squeaky pop. Even dilute, the acid irritates eyes and skin, so goggles are essential; if further dilution is needed, always add acid slowly to water, never the reverse.

Supplier

Sulphuric Acid Dilute is supplied by **Jain Scientific Equipments Private Limited**, which trades as ScienceLab from Ambala, Haryana, India, to schools, colleges and distributors in India and international markets. For vendor registration, the supplying company holds GSTIN 06AAECJ8618A1ZT, and its export consignments move under Importer-Exporter Code AAECJ8618A issued by the DGFT. Visit the company profile for more.

Related Chemistry Lab Products

Reag