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

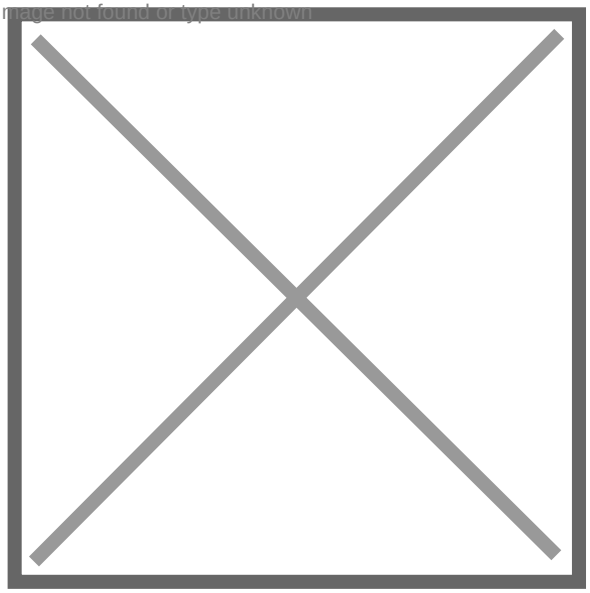
Product Name :

Phosphoric Acid

Product Code :

SCI-441/185

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Description :

Phosphoric Acid (Product Code: SCI-441/185) is an analytical reagent grade mineral acid, also called orthophosphoric acid, used for polyprotic-acid titrations, phosphate buffer preparation and alcohol dehydration reactions in chemistry laboratories. It is supplied in a 250 ml bottle with an MSDS for schools, colleges and testing labs. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical	Phosphoric acid (orthophosphoric acid)
Grade	Analytical reagent
Capacity	250 ml
Safety data sheet	MSDS supplied
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.
Product code	SCI-441/185
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Phosphoric Acid Used For?

Phosphoric acid gives up its three hydrogen ions in separate steps, so titrating it against sodium hydroxide while recording pH produces a curve with more than one end point — a clear illustration of a polyprotic acid for senior students. Partly neutralised, it forms the dihydrogen phosphate and hydrogen phosphate salts that make up phosphate buffers for biology and biochemistry practicals.

In organic chemistry it is a milder alternative to concentrated sulfuric acid as the catalyst for dehydrating alcohols, for example converting cyclohexanol to cyclohexene. Concentrated phosphoric acid is corrosive and viscous, so measure it slowly, wear gloves and goggles, and dilute it by adding acid to water. The MSDS supplied gives full storage and first-aid guidance.

Supplier

ScienceLab is how Jain Scientific Equipments Private Limited trades, and the company supplies phosphoric acid to laboratories together with the burettes, pH meters and glassware used in its practicals. A single enquiry covering reagents and apparatus returns one quotation, which is convenient when equipping a new laboratory. Institutions, dealers and importers in India and international markets are supplied. Read more on the ScienceLab profile.

Related Laboratory Equipment

Titration and buffer work with phosphoric acid uses the following

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