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

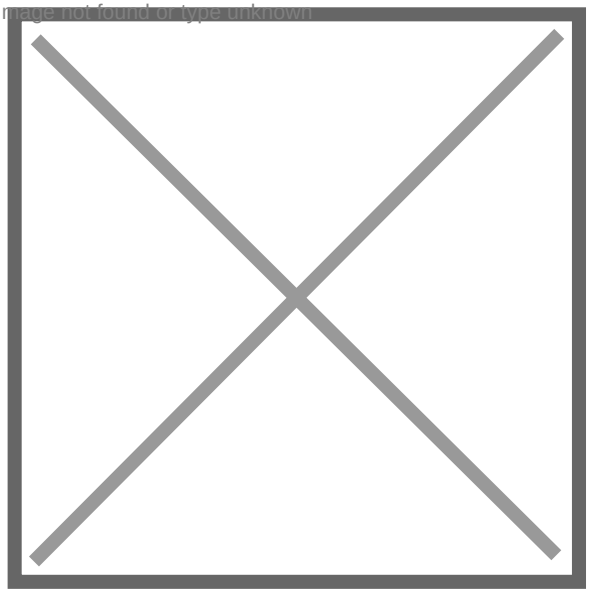
Product Name :

Hydrochloric Acid Dilute

Product Code :

SCL-864/175

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Description :

Hydrochloric Acid Dilute (Product Code: SCL-864/175) is ready-diluted hydrochloric acid used for acid reactions and the preliminary tests of salt analysis in school and college chemistry labs. Because it arrives already diluted in a 500 ml analytical reagent bottle with an MSDS, staff avoid diluting concentrated acid before every practical. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, as a bench refill for the salt analysis kit a school keeps in its chemistry room.

Specifications

Parameter	Detail
Chemical	Hydrochloric acid (HCl), dilute solution
Capacity	500 ml
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
Exact strength	Not stated in this listing – ask if your syllabus specifies one
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCL-864/175
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Dilute Hydrochloric Acid Used For?

In class experiments, a few millilitres on granulated zinc gives hydrogen that pops with a lighted splint, and on calcium carbonate it gives carbon dioxide that turns lime water milky. Students also neutralise it with an alkali, see it turn blue litmus red and compare its reactions with other acids.

In salt analysis, a dilute acid is the first test for anions such as carbonate, sulphite and sulphide, which fizz or release a recognisable gas. Dilute hydrochloric acid is also the group reagent that precipitates Group I cations as chlorides, and with ferrous sulphide it generates hydrogen sulphide for Group II.

Even when dilute, the acid irritates skin and eyes and damages clothing, so students should wear goggles and work from droppers or small measuring cylinders rather than pouring from the bottle. If it is going into a volumetric analysis kit for titrations, standardise it first against sodium carbonate, because its exact strength is not given here.

Supplier

Hydrochloric Acid Dilute is supplied by **Jain Scientific Equipments Private Limited**, the company behind the **ScienceLab** name in Ambala, Haryana, India. It sources bench reagents like this for schools, colleges and dealers in India and international markets. For vendor regist ts are h ur comp