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

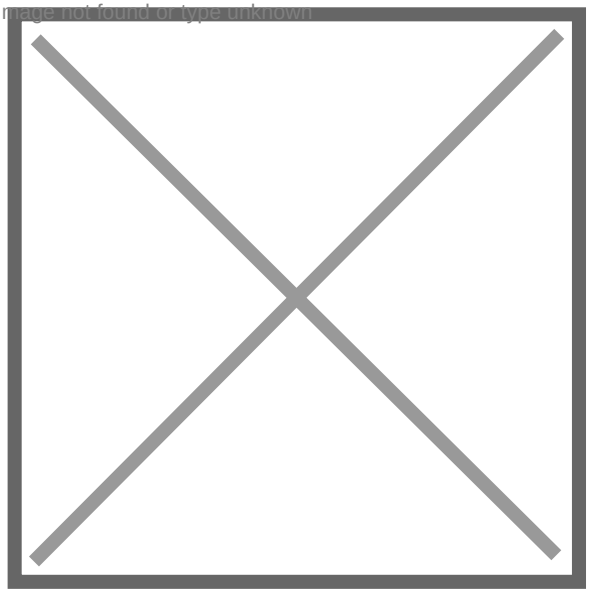
Product Name :

Ferric Chloride Anhydrous

Product Code :

SCL-845/166

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Description :

Ferric Chloride Anhydrous (Product Code: SCL-845/166) is the water-free form of iron(III) chloride, used to prepare the neutral ferric chloride reagent that identifies phenols, enols and acetate ions in chemistry laboratories. Teaching and industrial laboratories buy it as 500 gm of analytical reagent, packed with an MSDS, and college courses also use it as a Lewis acidcatalyst in synthesis. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, India, a chemistry consumables supplier in India.

Specifications

Parameter	Detail
Product code	SCL-845/166
Chemical	Ferric chloride (iron(III) chloride), anhydrous
Grade	Analytical reagent
Net weight	500 gm
MSDS	Supplied with the pack
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.
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ferric Chloride Anhydrous Used For?

For the phenol test, a dilute ferric chloride solution is neutralised with a few drops of dilute alkali until a faint permanent turbidity appears, then filtered. A drop added to phenol gives a violet colour, and salicylic acid and other enolic compounds give related violet to red shades. In anion analysis, the same neutral reagent turns a solution of an acetate deep red, and boiling throws down a brown precipitate, so it belongs in any school salt analysis kit. Iron(III) ions are also confirmed with potassium ferrocyanide (Prussian blue) and thiocyanate (blood-red).

The anhydrous solid is strongly hygroscopic and fumes in moist air, releasing hydrogen chloride, and it dissolves in water with noticeable heat. Open the pack only briefly, weigh quickly in a dry beaker, add the solid slowly to water rather than the reverse, and store the tightly sealed container in a dry cabinet away from metals it can corrode.

Supplier

Under the ScienceLab name, Jain Scientific Equipments Private Limited of Ambala, Haryana, supplies Ferric Chloride Anhydrous to schools, colleges and industry laboratories. The company sources identification-test reagents such as this one for customers in India and international markets, alongside the reagent bottles and glassware used to store and handle them. Details are on the ScienceLab company profile.

Related Chemistry Lab Products

Samp