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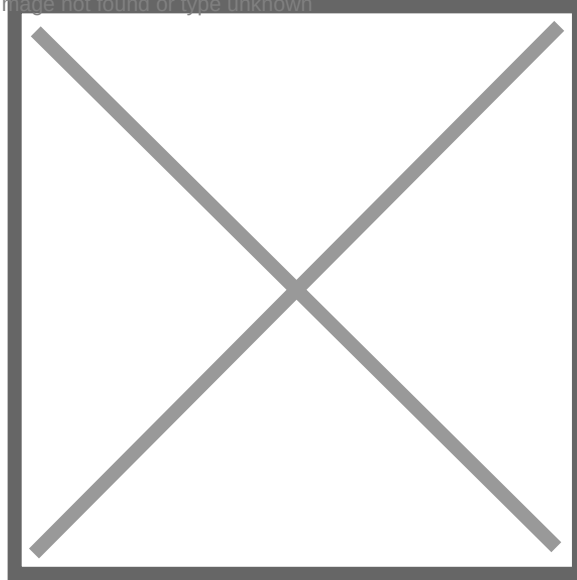
Product Name :

Aluminium Chloride

Product Code :

SCL-751/120

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1226/1-5, Bengali Mohalla, Science Market, Ambala Cantt. Harvana 133001, India



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Description :

Aluminium Chloride (Product Code: SCL-751/120) is an analytical reagent aluminium salt used to test for the aluminium ion and to demonstrate salt hydrolysis in school and college chemistry laboratories. Teachers putting together a salt analysis kit for school practicals use it as a known aluminium sample, while in college organic chemistry the anhydrous form serves as the Friedel-Crafts catalyst; it comes in a 500 gm pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Pack size	500 gm
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
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	SCL-751/120
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Aluminium Chloride Used For?

In cation analysis, a dilute solution of the salt gives a white, gelatinous precipitate of aluminium hydroxide when ammonium hydroxide is added in the presence of ammonium chloride. Adding sodium hydroxide instead produces the same white precipitate, which then dissolves in excess alkali and shows students the amphoteric nature of aluminium. Running the same tests on an iron(III) salt, which gives a reddish-brown precipitate, helps pupils tell the two group members apart. A drop of the solution on blue litmus also reveals the acidity caused by hydrolysis.

Aluminium chloride draws moisture from the air, and the anhydrous solid reacts vigorously with water, releasing hydrogen chloride fumes. Open the container in a fume cupboard or a well-ventilated area, and add the solid to water slowly rather than water to the solid. Close the lid as soon as the required amount is removed and keep the pack in the chemistry reagent cabinet, away from water and alkalis. Use completely dry apparatus for Friedel-Crafts work.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited of Ambala, Haryana. The company sources inorganic salts such as aluminium chloride for educational and research laboratories and supplies them to buyers in India and international markets, so a department can order its group reagents and comparison salts together. Learn more on the [company profile](#) page.

Related Chemistry Lab Products

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