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

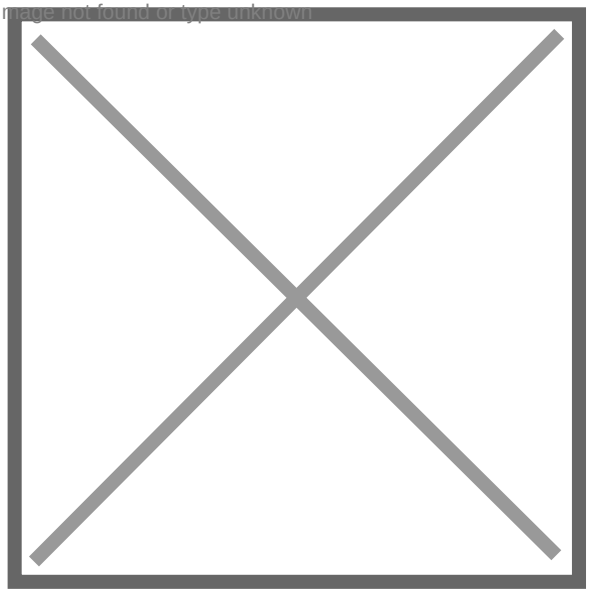
Product Name :

Aluminum Chloride

Product Code :

SCI-603/262

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Description :

Aluminum Chloride (Product Code: SCI-603/262) is an analytical reagent grade aluminium chloride ($AlCl_3$) used to show the reactions of aluminium ions, amphoteric hydroxides and salt hydrolysis in school and college chemistry laboratories. The 100 g pack comes with an MSDS; if your method depends on the anhydrous or hydrated form, confirm it with us when you enquire. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical	Aluminium chloride, $AlCl_3$
Grade	Analytical reagent
Quantity	100 g
Documentation	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-603/262
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Aluminum Chloride Used For?

Adding sodium hydroxide dropwise to aluminium chloride solution gives a white gelatinous precipitate of aluminium hydroxide that dissolves again in excess alkali, the standard demonstration of an amphoteric hydroxide. With ammonia the precipitate forms but does not redissolve, which helps separate aluminium from zinc in salt analysis. The solution is noticeably acidic because hydrated aluminium ions hydrolyse, turning blue litmus red.

Organic chemistry courses know the anhydrous salt as the Lewis acid catalyst for Friedel–Crafts reactions, a use that needs the anhydrous form kept completely dry, so state that requirement when ordering. Anhydrous aluminium chloride reacts vigorously with water and fumes hydrogen chloride in moist air, and its solutions are corrosive, so work in a fume cupboard with gloves and goggles.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, supplies Aluminum Chloride to institutions running inorganic and organic chemistry practicals, and to the dealers who serve them. Because aluminium chloride exists in more than one form, you can ask us to confirm the form of the quoted batch before placing an order. See the ScienceLab profile for more about the company.

Related Laboratory Equipment

Reag