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Product Name :

Aluminium Sulphate

Product Code :

SCL-753/121

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Website: <https://scilabexport.com>, **Email:** sales@scilabexport.com

1226/1-5, Bengali Mohalla, Science Market | 133001, Haryana



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Description :

Aluminium Sulphate (Product Code: SCL-753/121) is a water-soluble analytical reagent aluminium salt used to demonstrate water clarification, prepare potash alum and test for aluminium and sulphate ions in school and college laboratories. Chemistry and environmental science teachers rely on its 500 gm pack for coagulation demonstrations and crystallisation work, and it arrives with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab consumables supplier for educational institutions.

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-753/121
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Aluminium Sulphate Used For?

For a water clarification demonstration, fill two jars with the same muddy water and stir a little aluminium sulphate solution into one. Within minutes soft flocs form, trap the fine clay particles and sink, while the untreated jar stays cloudy. The activity introduces coagulation, flocculation and sedimentation as they happen at a municipal treatment plant, and it fits neatly into a water purification science kit. Remind students that clarified water has not been disinfected and must not be drunk.

In crystal-growing work, aluminium sulphate and potassium sulphate dissolved together in warm water, with a few drops of dilute sulphuric acid to stop hydrolysis, crystallise on slow cooling as potash alum. Teachers also mix its solution with sodium hydrogen carbonate to show how a foam fire extinguisher produces carbon dioxide foam. Solutions are acidic and irritate the eyes, so wear goggles and keep the solid container closed and dry.

Supplier

Jain Scientific Equipments Private Limited operates as ScienceLab from Ambala, Haryana. It supplies reagents and consumables such as this salt to schools, colleges and distributors in India and international markets, so a science department can source its chemicals and glassware through one enquiry. Read about the company on its [profile page](#).

Related Chemistry Lab Products

These products are used for the following activities:

- [Potash Alum](#)
 - [Sulphuric Acid](#)
 - [Sodium Hydrogen Carbonate](#)
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