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

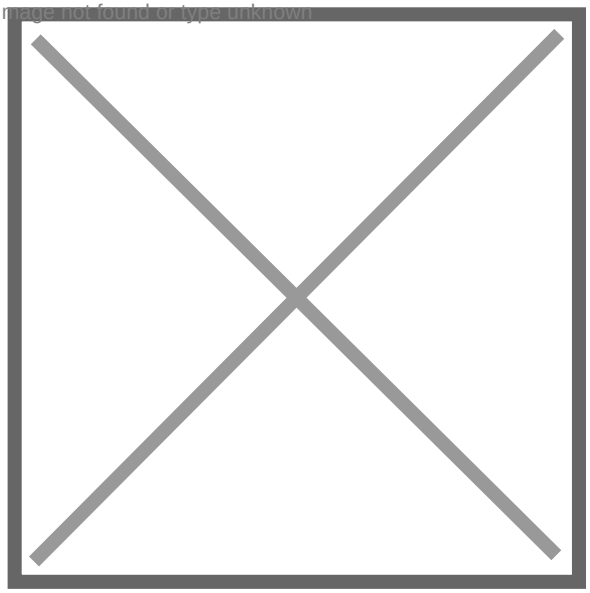
Product Name :

Aluminum Sulfate

Product Code :

SCI-453/166

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Description :

Aluminum Sulfate (Product Code: SCI-453/166) is an analytical reagent grade aluminium salt used to demonstrate coagulation in water treatment and to test for aluminium ions in school and college chemistry laboratories. Chemistry and environmental science teachers order it as a 200 g pack that comes with its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack capacity	200 g
MSDS	Supplied with the product
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-453/166
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Aluminum Sulfate Used For?

Aluminium sulfate is the coagulant used at many drinking-water plants, and a class can reproduce the process in a beaker. Stirred into muddy water that contains a little alkali, such as lime water, it forms a fluffy aluminium hydroxide floc that traps suspended clay and settles, leaving clearer water ready for filtration. Setting a treated and an untreated beaker side by side makes coagulation, sedimentation and filtration easy to compare.

In salt analysis, a solution of the salt gives a white gelatinous precipitate with sodium hydroxide that dissolves again in excess, the usual test for the aluminium ion, while barium chloride confirms the sulfate. Its solution is acidic because the aluminium ion hydrolyses, a handy example when a chemistry teaching kit covers why salt solutions are not always neutral. Wear goggles and gloves, as the solid and its solution irritate the eyes.

What to Specify When Ordering

- The number of 200 g packs needed for each laboratory or store.
- Any hydration state or molar mass your method requires, so we can confirm the form of the batch.
- Companion reagents, such as sodium hydroxide or barium chloride, to be quoted on the same enquiry.
- The delivery location in India or abroad.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, sources Aluminum Sulfate for schoo s MSD catalo India