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

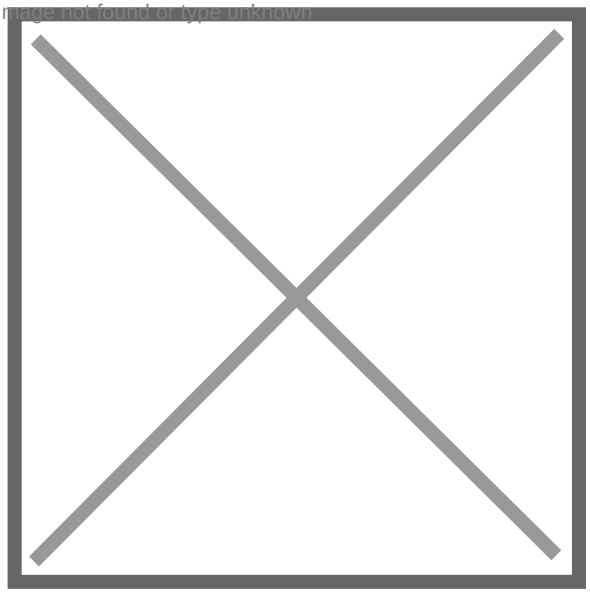
Product Name :

Ammonium Sulfate

Product Code :

SCI-405/169

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Description :

Ammonium Sulfate (Product Code: SCI-405/169) is an analytical reagent grade ammonium salt used for salt-analysis practice, fertiliser chemistry and protein precipitation in school, college and biology laboratories. It comes in a 200 g pack with its MSDS, a straightforward addition for chemistry teachers assembling a salt analysis kit for school practicals. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, 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-405/169
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ammonium Sulfate Used For?

Ammonium sulfate is a common unknown in qualitative analysis because both of its ions give clean, visible results. Warming a little of the salt with sodium hydroxide releases ammonia, recognised by its sharp smell and by turning damp red litmus paper blue. Its solution gives a white precipitate with barium chloride that does not dissolve in dilute hydrochloric acid, which confirms the sulfate.

Agriculture and environmental science lessons use it as an example of a nitrogen and sulphur fertiliser, and to explain why heavy use of ammonium fertilisers tends to make soil more acidic. In biology and biochemistry, concentrated ammonium sulfate solution is used to salt out proteins such as egg albumin, a simple first step in protein purification. Store it away from strong alkalis, since the two together release ammonia.

What to Specify When Ordering

- How many 200 g packs each laboratory or store needs.
- The main use (salt analysis, fertiliser demonstrations or protein work), so we can check the reagent suits your method.
- Companion items for the same enquiry, such as sodium hydroxide, red litmus paper or barium chloride.
- The product code you want, because the catalogue also has a separate Ammonium Sulfate 200 g listing.

Supplier

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Amm…acks
with t…us
pape…

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