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

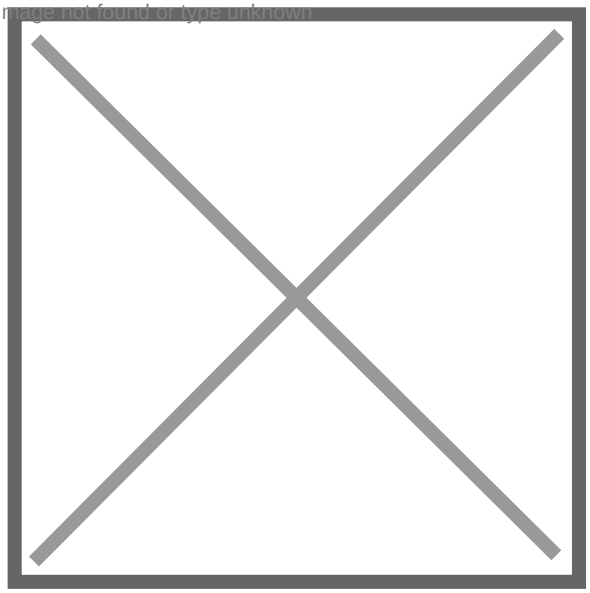
Product Name :

Ammonium Nitrate

Product Code :

SCI-741/156

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Description :

Ammonium Nitrate (Product Code: SCI-741/156) is an analytical reagent grade ammonium salt used to demonstrate endothermic dissolving and to test for ammonium and nitrate ions in school and college chemistry labs. It is supplied in a 200 g pack with an MSDS, enough for repeated class investigations of the temperature change on dissolving. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Capacity	200 g
Safety information	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-741/156
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ammonium Nitrate Used For?

When ammonium nitrate dissolves in water the solution becomes noticeably colder, which makes it a clear example of an endothermic process. Students stir a measured mass into water in an insulated cup or beaker and record the fall in temperature with a thermometer, and the same effect explains how instant cold packs work.

In qualitative analysis, warming the salt with sodium hydroxide solution releases ammonia gas, which turns damp red litmus paper blue — the standard test for the ammonium ion — and the salt also features in lessons on nitrogen fertilisers. Ammonium nitrate is a strong oxidiser that can decompose violently if heated strongly or contaminated, so never heat it on its own, keep it away from fuels and powdered metals, and store it cool and dry.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, supplies Ammonium Nitrate to schools, colleges and laboratories as part of the lab chemicals it sources, and each pack is dispatched with an MSDS. Because it is an oxidising salt, delivery options depend on the destination, and ScienceLab confirms them when quoting to institutions, dealers and importers. Company details are on the ScienceLab profile.

Related Laboratory Equipment

Items used in the same energy-change and ion-testing practicals:

- Ammonium Nitrate 200 g — a separate listing of the same salt in a 200 g pack
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