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

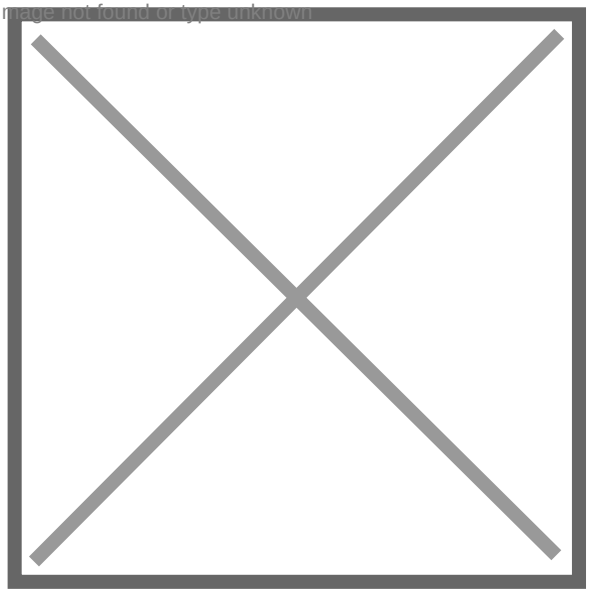
Product Name :

Ammonium Chloride 200 g

Product Code :

SCI-571/248

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Description :

Ammonium Chloride 200 g (Product Code: SCI-571/248) is an analytical reagent grade ammonium salt, also called sal ammoniac, used to demonstrate sublimation, prepare ammonia gas and buffer solutions in qualitative analysis in school and college chemistry labs. It is packed as 200 g and comes with an MSDS for the laboratory safety file. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab chemicals supplier for schools, colleges and dealers.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack weight	200 g
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-571/248
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ammonium Chloride Used For?

Heated gently at the bottom of a dry test tube, ammonium chloride seems to vanish and reappear as a white solid on the cooler upper wall. In fact it dissociates into ammonia and hydrogen chloride, which recombine as they cool, so the demonstration illustrates both sublimation and a reversible reaction. The same behaviour lets students separate it from a mixture with common salt or sand.

Warmed with calcium hydroxide, ammonium chloride releases ammonia, detected by its smell and by moist red litmus turning blue; this is the standard school preparation of the gas and the basis of the test for ammonium ions. In cation analysis it is added with ammonium hydroxide to hold back the hydroxide concentration, so that group III hydroxides precipitate while later-group ions stay dissolved. It also dissolves with a clear drop in temperature, a simple endothermic example.

Supplier

Jain Scientific Equipments Private Limited, known by its trading name ScienceLab, supplies Ammonium Chloride 200 g from Ambala, Haryana, to schools, colleges and dealers in India and international markets. Calcium hydroxide, ammonia solution and test tubes for the same practicals can be added to one enquiry. Visit the ScienceLab profile page for company background.

Related Laboratory Equipment

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