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

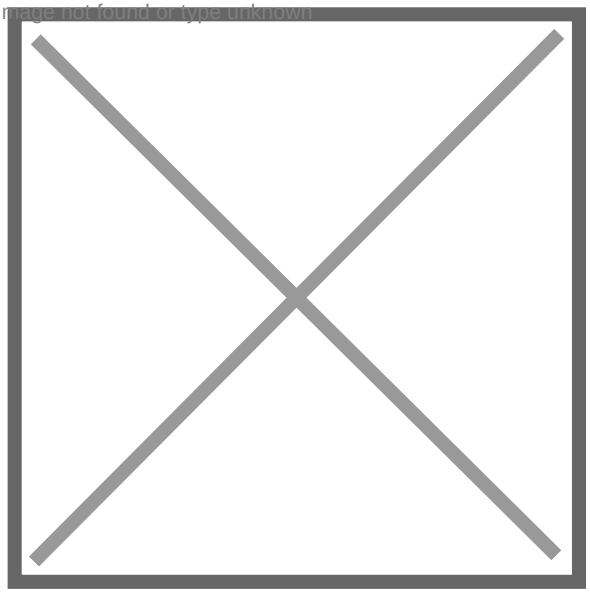
Product Name :

Ammonium Hydroxide (Ammonia)

Product Code :

SCI-529/229

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Description :

Ammonium Hydroxide (Ammonia) (Product Code: SCI-529/229) is an analytical reagent grade solution of ammonia in water used as a weak alkali in qualitative analysis, complex-ion tests and gas diffusion demonstrations in school and college laboratories. It is supplied in a 500 ml bottle with an MSDS; the strength is not stated in the listing and is confirmed on enquiry. It is suppliedby **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Description	Aqueous ammonia (ammonia water)
Grade	Analytical reagent
Pack size	500 ml
Concentration	Not stated in the listing; ask us to confirm before ordering
MSDS	Supplied with the pack
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-529/229
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Ammonium Hydroxide Used For?

In cation analysis, ammonium hydroxide precipitates metal hydroxides such as gelatinous white aluminium hydroxide and red-brown iron(III) hydroxide, while in excess it turns copper(II) solutions a deep blue as the copper-ammine complex forms. It also dissolves silver chloride, which separates it from silver bromide and iodide, and it is needed to prepare Tollens' reagent. Few bottles on a salt analysis bench in a school or college are opened as often.

A favourite demonstration places cotton wool soaked in ammonia solution at one end of a long glass tube and cotton wool with concentrated hydrochloric acid at the other. A white ring of ammonium chloride forms nearer the acid end, showing that the lighter ammonia molecules diffuse faster. The liquid gives off pungent, irritating vapour, so open it in a fume cupboard, keep the cap tight and store it cool. Never mix it with bleach, which releases toxic chloramine gases.

Supplier

Ammonium Hydroxide (Ammonia) is supplied by **Jain Scientific Equipments Private Limited**, which trades as ScienceLab from Ambala, Haryana, and provides the reagents used in inorganic salt analysis. The acids, salts and glassware needed for the same bench can be included in a single quotation. See the ScienceLab profile page.

Related Laboratory Equipment

Tests