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

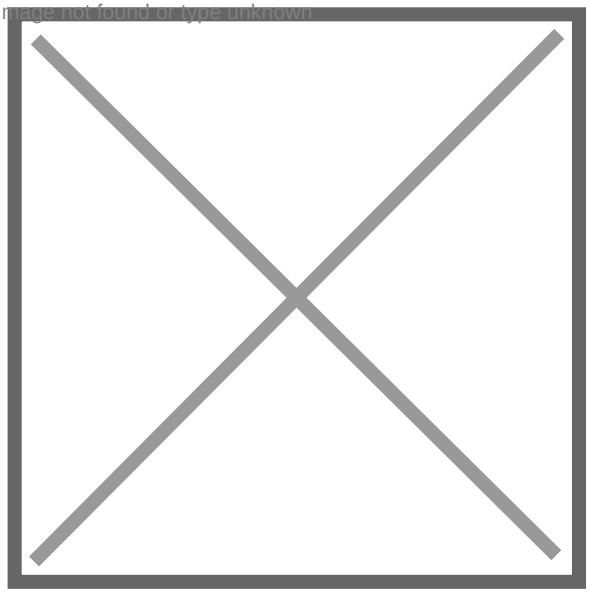
Product Name :

Nitric Acid 500 ml

Product Code :

SCI-447/188

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Science Lab

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

Description :

Nitric Acid 500 ml (Product Code: SCI-447/188) is an analytical reagent grade oxidising mineral acid used to acidify test solutions, prepare nitrate salts and demonstrate how metals react with acids in school and college chemistry laboratories. Chemistry teachers and lab assistants order this 500 ml bottle for qualitative analysis practicals, and it arrives with its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India for teaching labs.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack size	500 ml
Documentation	Supplied with MSDS (material safety data sheet)
Concentration	Not stated in the listing — ask us for the batch specification
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-447/188
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Nitric Acid Used For?

In salt analysis, a few drops of dilute nitric acid acidify the sample before silver nitrate is added, so carbonate cannot give a false precipitate in the halide test. Students also use it to make metal nitrates from oxides or carbonates, and concentrated acid produces the yellow xanthoproteic colour when it meets protein. Its reaction with copper releases brown nitrogen dioxide instead of hydrogen, which makes it a teacher demonstration that belongs in a fume cupboard.

Nitric acid is corrosive and a strong oxidiser, so keep it well away from alcohols, paper, wood and other organic material. Always add the acid slowly to water when diluting, wear goggles, gloves and an apron, and keep the bottle upright in a chemistry reagent cabinet out of direct light, because the liquid slowly yellows as it decomposes.

What to Specify When Ordering

- Product code SCI-447/188 and how many 500 ml bottles each lab needs.
- The concentration or assay your practicals call for, since the listing does not state one.
- How many extra MSDS copies you want for the prep room and chemical store.
- The delivery location in India or abroad, so we can advise how the acid can be shipped.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and sources Nitric Acid 500 ml for sc ing each e suppl regist