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

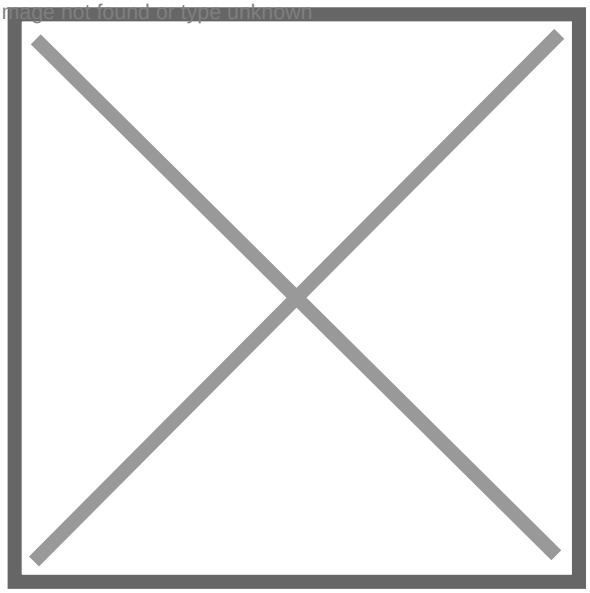
Product Name :

Nitric Acid (Conc)

Product Code :

SCL406/0113

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Science Lab

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Description :

Nitric Acid (Conc) (Product Code: SCL406/0113) is concentrated nitric acid of analytical reagent grade used for the xanthoproteic protein test and other staff-supervised tests in biology and chemistry laboratories. School and college departments stock it in a 500 ml pack with an MSDS, mainly to show students that proteins containing ring-structured amino acids turn yellow with the acid. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, to school chemistry and biology labs.

Specifications

Parameter	Detail
Product	Nitric acid, concentrated
Grade	Analytical reagent
Capacity	500 ml
Safety information	MSDS supplied
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	SCL406/0113
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Concentrated Nitric Acid Used For?

For the xanthoproteic test, the teacher adds a small amount of concentrated nitric acid to egg-white solution in a test tube and warms it gently; a yellow colour develops. After cooling, adding an alkali such as ammonia solution deepens the colour to orange, completing the test. Students often recognise the same reaction from the yellow marks nitric acid leaves on skin, which is itself a protein reaction and a reminder of why gloves and care are needed.

Concentrated nitric acid is a strong oxidising acid that gives off irritating fumes, so it should be opened and dispensed only by teachers or trained staff in a fume cupboard, with goggles, face protection and an apron. Store the bottle upright in a cool, dark acid cabinet, separate from alcohols, organic materials and other reactive chemicals. Keep neutralising spill materials ready and follow the MSDS for first aid and disposal.

Supplier

Nitric Acid (Conc) is supplied by **Jain Scientific Equipments Private Limited**, which trades as **ScienceLab** from Ambala, Haryana, India, and works as a laboratory chemicals supplier in India for schools and colleges. For tender and vendor-registration paperwork, buyers can record the supplying company's GST registration (GSTIN 06AAECJ8618A1ZT) and its global Legal Entity Identifier, LEI 3358004HRD1JIVXKYX49. Learn more on our company profile.

Related Biology Lab Products

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