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

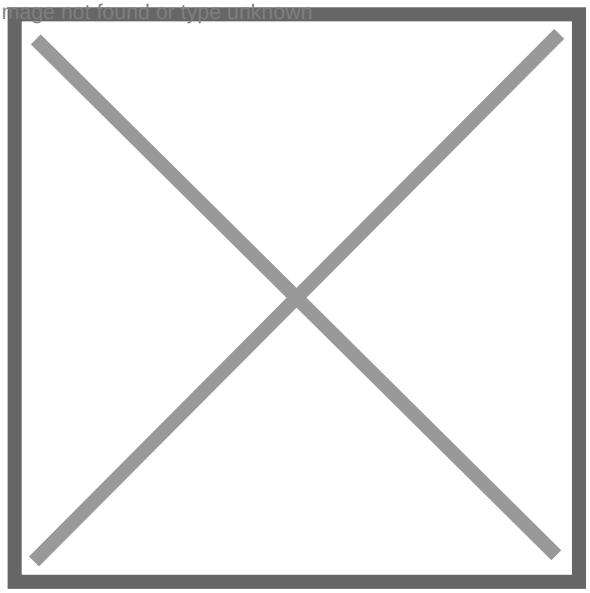
Product Name :

Perchloric Acid

Product Code :

SCI-455/192

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Science Lab

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

Description :

Perchloric Acid (Product Code: SCI-455/192) is an analytical reagent grade strong mineral acid used for non-aqueous titrations, wet digestion of samples and the preparation of perchlorate salts in college, pharmacy and research laboratories. It is meant for trained analysts rather than school classes, and this listing is a 100 ml pack supplied with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack size	100 ml
Documentation	Supplied with MSDS
Concentration	Not given in the listing — request 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-455/192
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Perchloric Acid Used For?

Perchloric acid dissolved in glacial acetic acid is the standard titrant for non-aqueous titration of weak bases, a technique behind many drug assays taught in pharmacy practicals, so it sits on most lists of pharmacy lab equipment in India. Analytical chemists also use hot perchloric acid, usually together with nitric acid, to digest organic matter before measuring the metals left in the residue. Neutralising it with a base gives perchlorate salts for inorganic preparations.

Cold, dilute perchloric acid behaves like any strong acid, but the hot concentrated acid is a powerful oxidiser that can react violently with organic material. Heated digestions therefore belong in a fume cupboard designed for perchloric acid work, and the acid must never be allowed to dry on wood, paper or cloth. Store the bottle in a tray, away from solvents and reducing agents.

What to Specify When Ordering

- Product code SCI-455/192 and the number of 100 ml packs.
- The concentration you need for preparing titrant or digestion mixtures, since the listing does not state it.
- Whether the acid is for titration or digestion work, so we can discuss the batch with you.
- The delivery address, and whether the order is domestic or for export.

Supplier

Jain Scientific Equipments Private Limited, known to customers as ScienceLab, sources Perch[illegible]s in India [illegible]r regist[illegible]tifier (LEI)