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

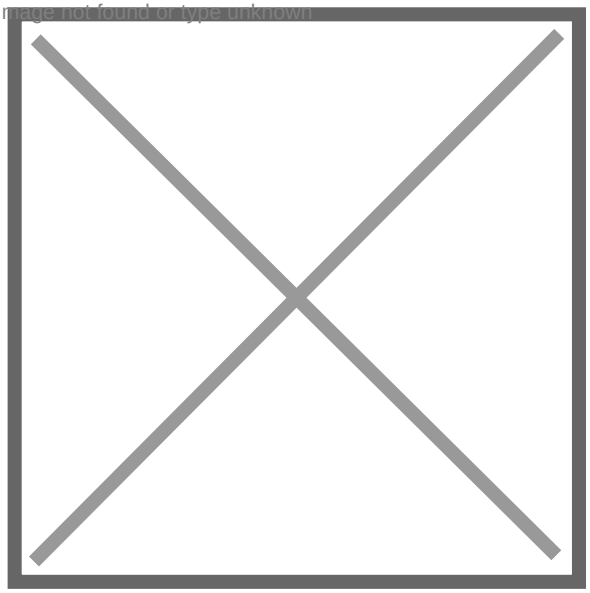
Product Name :

Sodium Thiosulfate

Product Code :

SCI-415/174

Image not found or type unknown



Science Lab

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

Description :

Sodium Thiosulfate (Product Code: SCI-415/174) is an analytical reagent grade sodium salt used for rate-of-reaction experiments with dilute acid and for iodine titrations in school andcollege chemistry laboratories. It comes in a 100 g pack with its MSDS, a compact quantity for atitration kit in school or college practicals. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Common name	Hypo
Pack capacity	100 g
MSDS	Supplied with the product
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-415/174
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Thiosulfate Used For?

The disappearing-cross experiment is the usual way to study reaction rate. Sodium thiosulfate solution is poured into a flask standing over a cross drawn on paper, dilute hydrochloric acid is added, and students time how long the cross takes to vanish behind the cloudy yellow sulphur that forms. Repeating the run at other concentrations or temperatures shows how each factor speeds up the reaction.

In volumetric analysis, a standardised thiosulfate solution is run from a burette into iodine released in iodometric determinations, with starch indicator turning blue-black until the end point, when the colour disappears sharply. That makes it a core reagent in a volumetric analysis kit for colleges. The salt is also known as hypo from its long use as a photographic fixer, and because the acid reaction gives off some sulphur dioxide, rate experiments belong in a ventilated room.

What to Specify When Ordering

- The number of 100 g packs for each laboratory.
- Whether the salt is for rate experiments, iodine titrations or both, so the quotation can include matching reagents.
- Companion items such as hydrochloric acid, soluble starch, potassium iodide or burettes.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which sources Sodiu
Colle
iodide and
intern

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