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

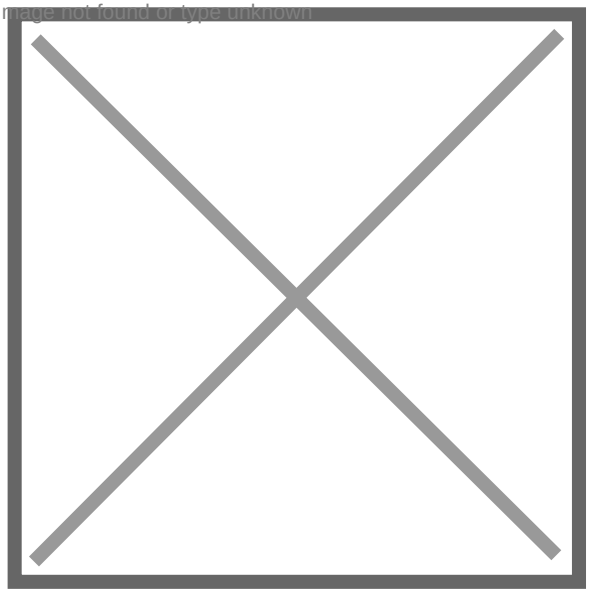
Product Name :

Sodium Thiosulfate 100 g

Product Code :

SCI-753/330

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Description :

Sodium Thiosulfate 100 g (Product Code: SCI-753/330) is an analytical reagent salt used for rate-of-reaction and iodometric titration practicals in school and college chemistry laboratories. The 100 g pack suits a department running the “disappearing cross” experiment or preparing standard thiosulfate solution, and an MSDS is supplied with it. **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, supplies it together with the glassware for a complete titration kit for schools.

Specifications

Parameter	Detail
Chemical	Sodium thiosulfate
Grade	Analytical reagent
Net quantity	100 g
MSDS	Included with the supply
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-753/330
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Thiosulfate Used For?

In the best-known school practical, sodium thiosulfate solution reacts with dilute hydrochloric acid to form a pale yellow sulfur precipitate. Students time how long it takes for a cross drawn under the flask to disappear, then repeat at different concentrations or temperatures to plot how reaction rate changes. The same reaction gives a simple, reproducible demonstration of collision theory.

In volumetric analysis, sodium thiosulfate solution is titrated against iodine: it reduces iodine to colourless iodide, and a few drops of starch near the end point sharpen the colour change. This is the basis of iodometric determinations of oxidising agents at senior-school and undergraduate level. Weigh the crystals on a clean balance, dissolve in freshly boiled and cooled distilled water, and keep solutions in closed bottles.

Supplier

Sodium Thiosulfate 100 g is sourced and supplied by Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, Haryana, India. Because the company also lists burettes, flasks, stopwatches and indicators, a chemistry teacher can request everything for a rate or titration practical in a single enquiry. The ScienceLab profile has company details.

Related Laboratory Equipment

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