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

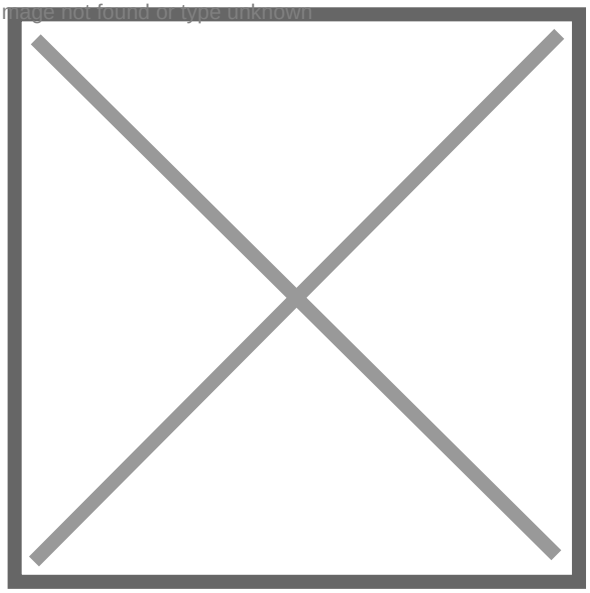
Product Name :

Sodium Thiocyanate

Product Code :

SCL-971/228

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Description :

Sodium Thiocyanate (Product Code: SCL-971/228) is an analytical reagent grade thiocyanate salt used to detect iron(III) ions and to demonstrate chemical equilibrium in school and college chemistry laboratories. Teachers and lab assistants rely on the blood-red colour it forms withferric iron, and it comes as a 500 gm pack with its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab chemicals supplier in India for teaching laboratories.

Specifications

Parameter	Detail
Product	Sodium thiocyanate
Pack capacity	500 gm
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
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	SCL-971/228
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Thiocyanate Used For?

For cation identification, a few drops of thiocyanate solution are added to the acidified test solution: an immediate blood-red colour from the iron-thiocyanate complex confirms iron(III). Iron(II) gives little colour until it is oxidised, so the test also helps students tell the two oxidation states apart. With cobalt(II), a concentrated thiocyanate solution and a little acetone develop a blue complex, a further confirmatory test used in college analysis.

The same reaction drives a much-used Le Chatelier's principle practical and features in many a chemistry teaching kit in India. A pale red mixture of dilute ferric chloride and thiocyanate is shared among several tubes; adding more iron(III) or more thiocyanate deepens the colour, while removing iron(III) or changing temperature shifts it the other way. Sodium thiocyanate is harmful if swallowed or absorbed, and contact with acids can release a very toxic gas, so keep it apart from acids and wash hands after use. The solid absorbs moisture from air, so close the container promptly.

Supplier

Sodium Thiocyanate is sourced and supplied by **Jain Scientific Equipments Private Limited**, the Ambala, Haryana company that trades as ScienceLab. Schools, colleges, university departments and dealers can order it together with other reagents and laboratory apparatus in a single enquiry, for delivery in India and international markets. More about the company is on the Scien

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