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

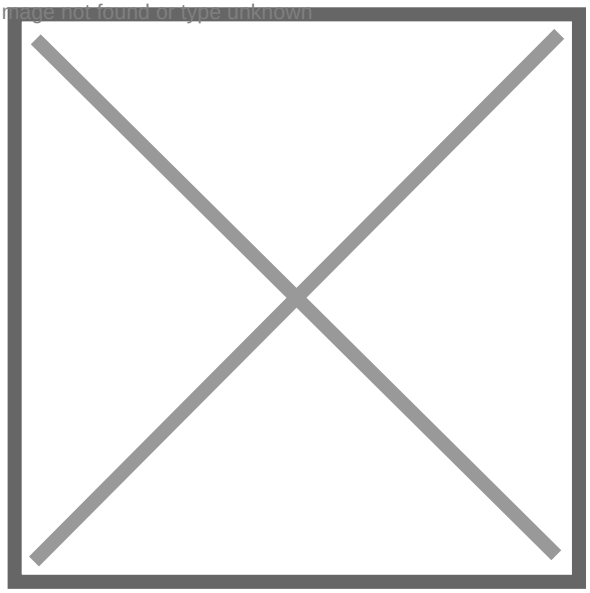
Product Name :

Sodium Nitroprusside

Product Code :

SCL-965/225

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Description :

Sodium Nitroprusside (Product Code: SCL-965/225), also known as sodium nitroferricyanide, is an analytical reagent used to detect sulphide ions and ketones by colour tests in chemistry and biochemistry laboratories. Colleges and senior schools use it in salt analysis, the sulphur test on Lassaigne's extract and Legal's and Rothera's ketone tests; the listing gives a 500 ml pack, supplied with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry consumables supplier in India.

Specifications

Parameter	Detail
Product	Sodium nitroprusside (sodium nitroferricyanide)
Pack capacity (as listed)	500 ml
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
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	SCL-965/225
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Nitroprusside Used For?

In inorganic qualitative analysis, a few drops of nitroprusside solution added to an alkaline solution or sodium carbonate extract of a salt produce a short-lived violet colour when sulphide is present, which is why the reagent sits in almost every salt analysis kit for school and college practicals. In the organic laboratory the same reaction confirms sulphur in the sodium fusion (Lassaigne's) extract. Because the colour fades within moments, students should watch the tube as the drops go in rather than after shaking.

Biochemistry and life-science teaching labs use the reagent for ketone detection: Legal's test gives a red colour with acetone in alkaline solution, and Rothera's test produces a purple ring with acetone and acetoacetate after saturation with ammonium sulphate and layering with ammonia. Nitroprusside solutions are light-sensitive and slowly lose strength, so keep the container closed in a dark cupboard and run a known positive sample beside each set of unknowns.

Supplier

This reagent is supplied by **Jain Scientific Equipments Private Limited**, the Ambala, Haryana company that trades as ScienceLab. It sources qualitative analysis reagents for school, college and research laboratories and dispatches them with their safety data sheets within India and to international markets. More about the company is available on our profile page.

Related Chemistry Lab Products

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