Email : sales@scilabexport.com
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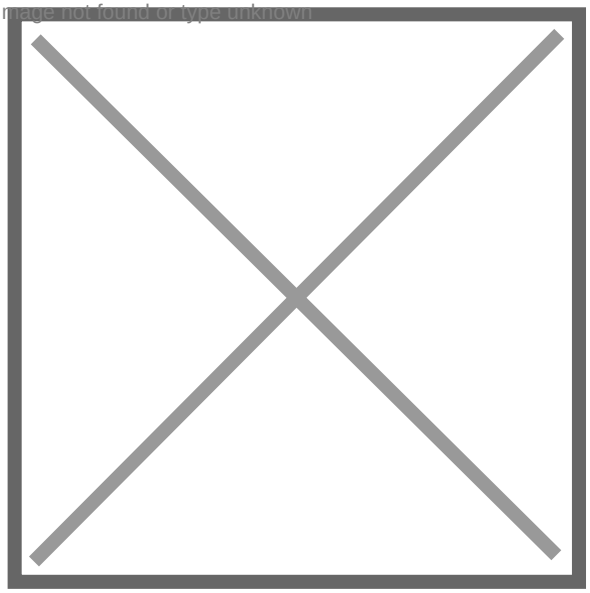
Product Name :

Sodium Citrate

Product Code :

SCL388/094

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Science Lab

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Description :

Sodium Citrate (Product Code: SCL388/094) is the sodium salt of citric acid, used to prepare citrate buffers and Benedict's reagent and to bind calcium ions in biology, physiology and chemistry teaching laboratories. It comes as a 100 g pack of analytical reagent grade with an MSDS, suited to labs that make up their own pH buffer solution. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Capacity (pack size)	100 g
Grade	Analytical reagent
MSDS	Included with the pack
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	SCL388/094
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Citrate Used For?

Mixed with citric acid in different proportions, sodium citrate gives citrate buffers that hold a steady, mildly acidic pH for enzyme and pH experiments. It is also one of the ingredients of Benedict's reagent, where citrate keeps copper ions dissolved in the mildly alkaline solution used to test for reducing sugars. Technicians who prepare Benedict's solution for school labs from separate chemicals therefore keep it in stock.

Because citrate binds calcium ions, physiology teaching labs use sodium citrate solutions to stop blood samples from clotting, and food-science classes use it to show how emulsifying salts change the texture of processed cheese. Sodium citrate is of low hazard, but keep the pack sealed and dry, label every solution clearly and follow the MSDS supplied with it.

Supplier

Sodium Citrate is a bought-in reagent supplied by Jain Scientific Equipments Private Limited, trading as ScienceLab from Ambala, Haryana. Institutions registering us as a vendor can use GSTIN 06AAECJ8618A1ZT and the company's Legal Entity Identifier, LEI 3358004HRD1JIVXKYX49. Further company information is on our company profile page.

Related Laboratory Equipment

Buffer and reagent preparation with Sodium Citrate often involves:

- Benedict Solution — the ready-made reagent, if you prefer not to prepare it.
- Hydrated Copper Sulfate — the copper salt in Benedict's reagent.

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