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

Product Name :

Sodium Hydrogen Phosphate

Product Code :

SCI-527/228

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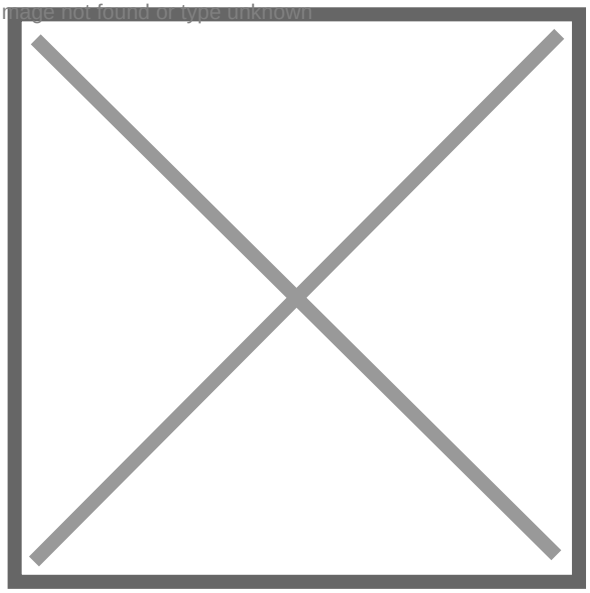

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Description :

Sodium Hydrogen Phosphate (Product Code: SCI-527/228) is disodium hydrogen phosphate, an analytical reagent grade salt used to prepare phosphate buffer solutions for biology, biochemistry and chemistry practicals in colleges and schools. It is supplied as a 100 g pack with an MSDS and pairs with sodium dihydrogen phosphate to hold a solution near neutral pH. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical identity	Disodium hydrogen phosphate, Na2HPO4
Hydrate form	Not stated in the listing; ask us whether anhydrous or hydrated salt is supplied
Grade	Analytical reagent
Pack size	100 g
MSDS	Supplied 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	SCI-527/228
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Hydrogen Phosphate Used For?

Mixing solutions of disodium hydrogen phosphate and sodium dihydrogen phosphate in different ratios gives phosphate buffers across the near-neutral range in which many enzymes work. Students use these buffers to study how pH affects catalase or amylase activity and to keep cells and tissue samples in stable conditions during observation. Making pH buffer solution in the lab this way lets an Indian college prepare exactly the volume and pH each practical needs.

In chemistry lessons, its solution is mildly alkaline, which students can confirm with universal indicator paper or a pH meter, making it a neat example of salt hydrolysis. It also supplies hydrogen phosphate ions for precipitation and confirmatory tests. The salt is of low hazard but can irritate the eyes, so wear goggles, weigh it in a clean weighing boat and keep the container tightly closed, because some forms gain or lose water of crystallisation in air.

Supplier

Jain Scientific Equipments Private Limited, the company behind the ScienceLab name in Ambala, Haryana, supplies Sodium Hydrogen Phosphate to biology and chemistry departments that need buffer salts together with pH meters and volumetric glassware. More about the company is on the ScienceLab profile page.

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