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

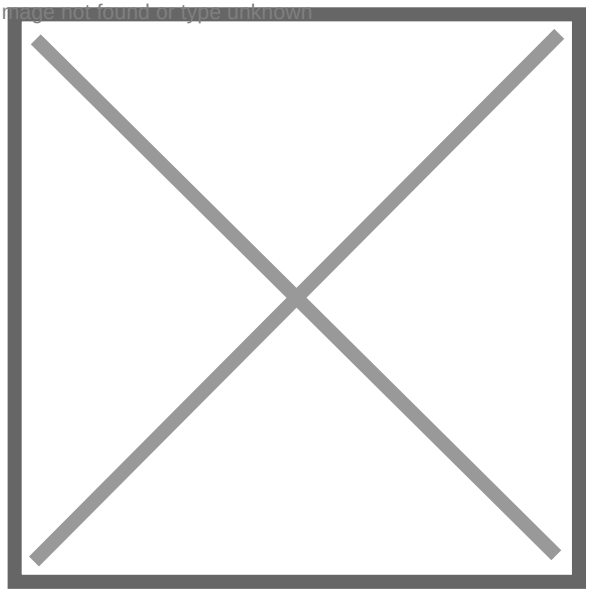
Product Name :

Sodium Dihydrogen Phosphate

Product Code :

SCI-481/205

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Science Lab

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Description :

Sodium Dihydrogen Phosphate (Product Code: SCI-481/205) is an analytical reagent grade acidic phosphate salt used to prepare phosphate buffers for pH, enzyme and biochemistry practicals in school, college and research laboratories. Also known as monosodium phosphate, it comes as a 100 g pack with its MSDS for teachers who make up their own pH buffer solution in the lab. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Other names	Monosodium phosphate; sodium phosphate monobasic
Pack size	100 g
MSDS	Supplied with the product
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-481/205
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Sodium Dihydrogen Phosphate Used For?

The most common job for sodium dihydrogen phosphate is making phosphate buffers. Mixed with disodium hydrogen phosphate in different proportions, it gives solutions that hold a steady pH close to neutral, which is why it appears in practicals on enzyme activity, the effect of pH on catalase or amylase, and the preparation of wash solutions in biology labs. Students can check each buffer with a pH meter and see how little the reading moves when a few drops of acid or alkali are added.

It also serves in qualitative analysis as a source of phosphate ions: acidified with nitric acid and warmed with ammonium molybdate, a phosphate solution gives a yellow precipitate. Make stock solutions to an exact volume in a volumetric flask with distilled water, label them with the date, and keep the solid tightly closed because the salt picks up moisture from humid air.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and supplies Sodium Dihydrogen Phosphate among the salts, indicators and glassware used for buffer and pH work. From its base in Ambala, Haryana, the company serves school laboratories, university departments, research institutes and distributors in India and international markets. Read more on the ScienceLab profile page.

Related Laboratory Equipment

Buffe
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