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

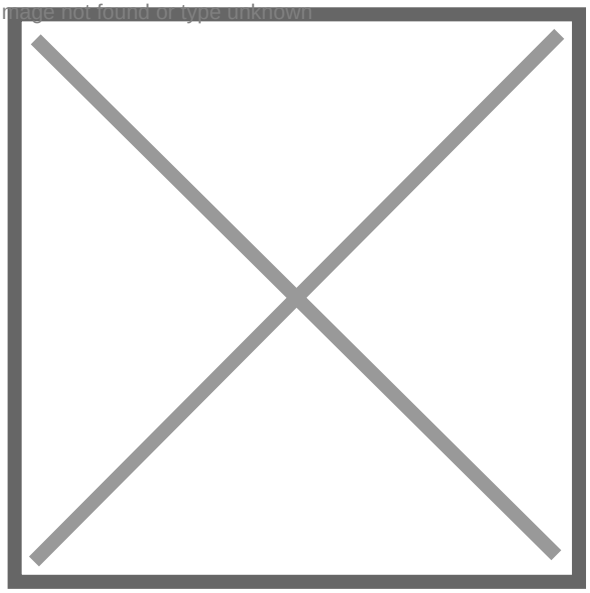
Product Name :

Calcium Phosphate

Product Code :

SCI-505/217

Image not found or type unknown



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

Description :

Calcium Phosphate (Product Code: SCI-505/217) is an analytical reagent grade calcium salt used to study the mineral of bones and teeth, phosphate testing and the behaviour of sparingly soluble salts in school, college and nutrition-science laboratories. It is supplied as a 200 g pack with its MSDS for teachers preparing a solubility experiment kit or combined biology andchemistry demonstrations. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack size	200 g
Phosphate form	Not stated in the listing; confirm tri-, di- or monocalcium phosphate when ordering
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-505/217
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Calcium Phosphate Used For?

Calcium phosphate is the main mineral in bone and tooth enamel, so biology and home-science classes use it to show why diets need calcium and phosphorus. Stirred into water it barely dissolves, yet it dissolves readily in dilute hydrochloric or nitric acid — a simple school chemistry lab model of how acids attack enamel and cause tooth decay.

Chemistry students can go further: after dissolving a sample in dilute nitric acid, warming with ammonium molybdate gives a yellow precipitate that confirms phosphate. Agriculture and environmental courses use it to explain rock phosphate and how insoluble phosphate is turned into soluble superphosphate fertiliser with acid. Several compounds share the name, so confirm whether you need the tri-, di- or monocalcium salt before ordering.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, supplies Calcium Phosphate among the calcium and phosphate salts used in biology, chemistry and agriculture teaching. The Ambala, Haryana company deals with schools, colleges, agricultural institutes and distributors throughout India and international markets. Further information is on the ScienceLab profile page.

Related Laboratory Equipment

Solub

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