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

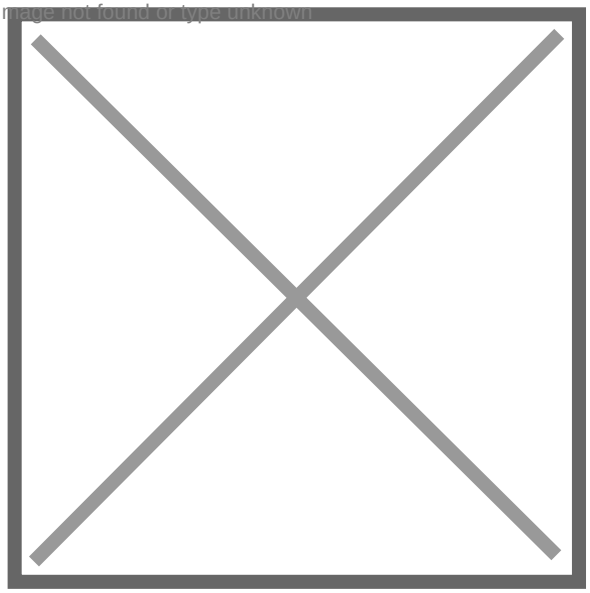
Product Name :

Calcium Ethanoate

Product Code :

SCI-503/216

Image not found or type unknown



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

Description :

Calcium Ethanoate (Product Code: SCI-503/216) is an analytical reagent grade calcium salt of ethanoic acid, also called calcium acetate, used for flame tests, solid-fuel gel demonstrations and organic chemistry teaching in school and college laboratories. It comes as a 200 g pack with its MSDS and makes a useful addition to any flame test kit for school classes. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Also known as	Calcium acetate
Pack size	200 g
MSDS	Supplied
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-503/216
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Calcium Ethanoate Used For?

A favourite demonstration mixes a saturated calcium ethanoate solution with ethanol: the liquids set almost instantly into a firm white gel that burns with a steady flame when lit, much like the solid fuel sold for camping stoves. The same salt gives the brick-red flame of calcium on a clean wire loop, letting students link a metal ion to its flame colour.

In organic chemistry, heating dry calcium ethanoate was the historical route to propanone (acetone), and teachers still use it to explain how ketones were first prepared, which makes it a handy reagent for a chemistry teaching kit. The salt is also unusual in being less soluble in hot water than in cold, a good talking point in solubility lessons. Keep the pack sealed and dry, and carry out the gel demonstration on a heat-proof mat well away from other flammable liquids.

Supplier

ScienceLab is the trading name of **Jain Scientific Equipments Private Limited**, which supplies Calcium Ethanoate for flame-test, gel and organic chemistry practicals together with burners, wire loops and glassware. From Ambala, Haryana, the company serves schools, colleges, teacher-training centres and dealers across India and international markets. Visit the ScienceLab profile page for company details.

Related Laboratory Equipment

Gel, flame-test and comparison practicals with Calcium Ethanoate draw on these products: