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

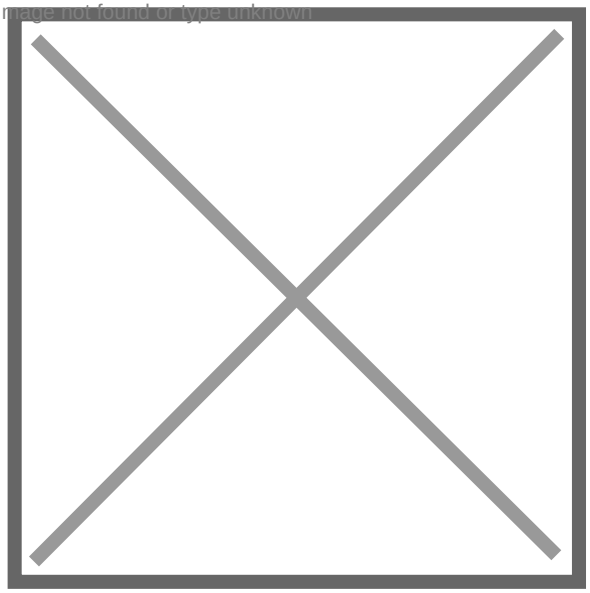
Product Name :

Calcium Fluoride

Product Code :

SCI-507/218

Image not found or type unknown



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

Description :

Calcium Fluoride (Product Code: SCI-507/218) is an analytical reagent grade ionic compound, the chemical that forms the mineral fluorite, used to teach crystal structure, low-solubility saltsand fluoride chemistry in college and senior school laboratories. It is supplied as a 100 g packwith its MSDS for institutions stocking educational laboratory equipment in India. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Related mineral	Fluorite (fluorspar)
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-507/218
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Calcium Fluoride Used For?

Calcium fluoride gives its name to the fluorite structure, in which each calcium ion sits among eight fluoride ions and each fluoride among four calcium ions. Showing students a real sample next to a lattice model helps them connect formulas, ion ratios and coordination numbers in ionic bonding lessons. Its very low solubility in water also makes it a clear example when teaching solubility products.

Beyond the classroom, fluorspar is used as a flux in metal smelting and as a raw material for fluorine compounds, useful context alongside other lab equipment for college chemistry and metallurgy courses. Never heat calcium fluoride with concentrated sulphuric acid in a teaching lab, because that reaction releases hydrogen fluoride, an extremely dangerous gas that etches glass. Handle the powder with gloves and goggles, avoid breathing dust and follow the MSDS.

Supplier

Jain Scientific Equipments Private Limited supplies Calcium Fluoride under its ScienceLab trading name, together with the molecular models and glassware used in structure and solubility lessons. Buyers completing vendor forms can quote the supplying company's GSTIN 06AAECJ8618A1ZT and its Legal Entity Identifier, LEI 3358004HRD1JIVXKYX49. The company is based in Ambala, Haryana; see the ScienceLab profile page.

Related Laboratory Equipment

Struc

- t is

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