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

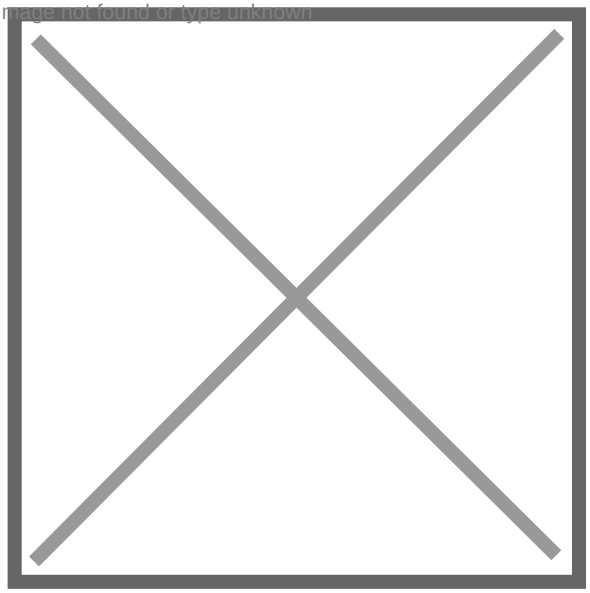
Product Name :

Calcium Chloride

Product Code :

SCL368/084

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Description :

Calcium Chloride (Product Code: SCL368/084) is an inorganic calcium salt used as a drying agent, a source of calcium ions for precipitation and flame tests, and a solute in heat-of-solution and freezing-point experiments in teaching laboratories. Chemistry departments order it as a 100 g pack of analytical reagent grade, supplied with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, to schools, colleges and dealers.

Specifications

Parameter	Detail
Capacity (pack size)	100 g
Grade	Analytical reagent
MSDS	Supplied with each 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	SCL368/084
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Calcium Chloride Used For?

Calcium chloride readily absorbs moisture, which is why its anhydrous form is packed into drying tubes and desiccators to keep gases and samples dry. In qualitative analysis, adding sodium carbonate solution to a calcium chloride solution gives a white precipitate of calcium carbonate. A flame test shows the orange-red colour of calcium, a standard step in any flame test kit for schools.

Dissolving the anhydrous salt in water releases noticeable heat, so it doubles as a quick demonstration of an exothermic process. Its solutions also freeze below the freezing point of pure water, which links neatly to lessons on colligative properties and road de-icing. Because the salt pulls water from the air, reseal the pack straight after use, store it in a dry cupboard and wear eye protection when handling concentrated solutions.

What to Specify When Ordering

- Form required: anhydrous (for drying tubes and desiccators) or hydrated – the listing does not state it, so tell us.
- Pack size: this listing is the 100 g pack; a larger pack has its own listing.
- Number of packs for each lab or campus.
- Any drying tubes, absorption towers or desiccators to be quoted alongside.

Supplier

Jain Scientific Equipments Private Limited, known to customers as ScienceLab, supplies this Calci
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