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

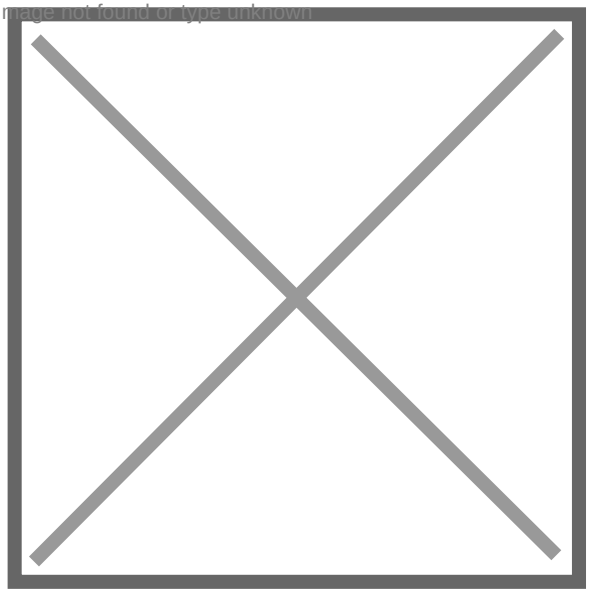
**Product Name :**

Hydrated Calcium Chloride

**Product Code :**

SCI-581/252

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# Description :

**Hydrated Calcium Chloride** (Product Code: SCI-581/252) is an analytical reagent grade calcium chloride containing water of crystallisation, used as a source of calcium ions for precipitation, flame and water-hardness experiments in school and college laboratories. Lab technicians buy it in a 200 g pack that comes with an MSDS, which makes it convenient stock for a teaching lab. Itis supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of its range of chemistry consumables.

## Specifications

| Parameter | Detail |
|---|---|
| Chemical | Calcium chloride, hydrated form ($CaCl_2$ with water of crystallisation) |
| Grade | Analytical reagent |
| Pack quantity | 200 g |
| Documentation | 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-581/252 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is Hydrated Calcium Chloride Used For?

A calcium chloride solution is a simple source of calcium ions. Adding sodium carbonate gives a white precipitate of calcium carbonate, and ammonium oxalate gives white calcium oxalate, so both reactions are used when teaching precipitation and when confirming calcium in salt analysis. A moistened sample on a clean wire loop turns a Bunsen flame brick-red.

Teachers also dissolve a little in distilled water to make artificially hard water for soap-lather comparisons: calcium chloride causes permanent hardness, which boiling does not remove but washing soda does. Because this grade already carries water, it is not the drying agent for desiccators or drying tubes; fused (anhydrous) calcium chloride is chosen for that job.

## Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and supplies analytical reagents such as Hydrated Calcium Chloride to school chemistry departments, colleges and training institutes, and to dealers who stock science store rooms. Buyers can combine this salt with other calcium compounds and glassware in one quotation. Company background is on the ScienceLab profile page.

## Related Laboratory Equipment

Items that pair with calcium chloride in precipitation, flame and drying-agent comparisons:

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