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

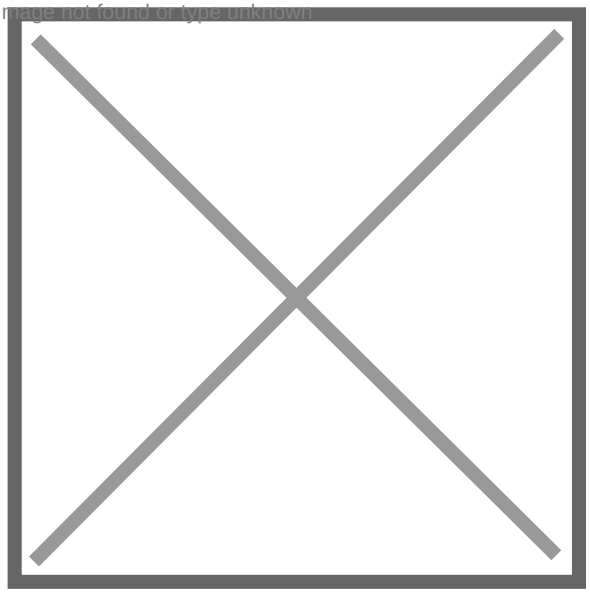
**Product Name :**

Calcium Sulfate

**Product Code :**

SCI-714/315

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Science Lab
Email : sales@scilabexport.com
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# Description :

**Calcium Sulfate** (Product Code: SCI-714/315) is an analytical reagent grade calcium salt, the compound behind gypsum and plaster of Paris, used to study permanent water hardness, sparingly soluble salts and the setting of plaster in school and college laboratories. It comes as a 100 g pack with an MSDS, a practical quantity for demonstrations and group work. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, to institutions buying school chemistry lab equipment in India.

## Specifications

| Parameter | Detail |
|---|---|
| Chemical | Calcium sulfate |
| Grade | Analytical reagent |
| Pack size | 100 g |
| Form (anhydrous or hydrate) | Not stated in the listing; please confirm when enquiring |
| Safety data | MSDS supplied |
| Shelf life | Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted. |
| Product code | SCI-714/315 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is Calcium Sulfate Used For?

Dissolving a little Calcium Sulfate in distilled water gives a model of permanently hard water: boiling does not soften it, but adding washing soda precipitates calcium carbonate and removes the hardness. Shaking samples with soap solution before and after treatment lets students compare the lather and see the difference for themselves.

The salt also links chemistry to everyday materials. Gypsum is the dihydrate, gentle heating turns it into the hemihydrate known as plaster of Paris, and that plaster sets hard again when mixed with water. Because Calcium Sulfate dissolves only slightly, it is also a clear example in solubility and precipitation lessons, and the anhydrous form is used as a drying agent.

## What to Specify When Ordering

- The form you need: anhydrous, dihydrate (gypsum) or hemihydrate, since the listing does not state it.
- The number of 100 g packs required.
- Any companion reagents for hardness practicals, such as washing soda, to be quoted together.
- The delivery destination, within India or overseas.

## Sup

**Jain**

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