



Email : [sales@scilabexport.com](mailto:sales@scilabexport.com)

Phone: +91-7082934803

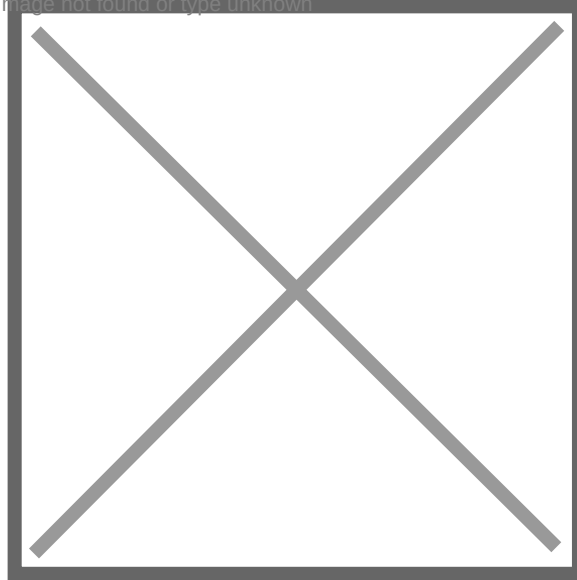
**Product Name :**

Calcium Carbonate (granules)

**Product Code :**

SCI-453/136

Image not found or type unknown



**Website:** <https://www.scilabexport.com>, **Email:** [sales@scilabexport.com](mailto:sales@scilabexport.com)

1226/1-5, Bengali Mohalla, Science Market | 133001, Haryana



Email : [sales@scilabexport.com](mailto:sales@scilabexport.com)

Phone: +91-7082934803

## Description :

**Calcium Carbonate (granules)** (Product Code: SCI-453/136) is an analytical reagent grade calcium carbonate ( $\text{CaCO}_3$ ) in granular form used to generate carbon dioxide and study reaction rates in school and college chemistry laboratories. The granules react with dilute acid more steadily than a fine powder, which makes them the usual choice for gas-preparation set-ups; each 200 g pack comes with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab chemicals supplier for teaching laboratories.

## Specifications

| Parameter            | Detail                                                                                                                        |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Chemical             | Calcium carbonate, $\text{CaCO}_3$                                                                                            |
| Form                 | Granules                                                                                                                      |
| Grade                | Analytical reagent                                                                                                            |
| Capacity             | 200 g                                                                                                                         |
| Safety documentation | 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         | SCI-453/136                                                                                                                   |
| Supplied by          | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India                                                                |

## What Are Calcium Carbonate Granules Used For?

The classic use is the laboratory preparation of carbon dioxide: granules are placed in a flask or gas generator, dilute hydrochloric acid is added through a thistle funnel, and the gas is led off by a delivery tube into gas jars for tests on density, solubility and flame extinguishing. Granules give a controlled effervescence rather than a sudden froth, so the gas flow is easier to manage.

In reaction-rate experiments, students compare the loss in mass, or the volume of gas collected, from granules against powdered calcium carbonate to show how surface area changes the rate. The granules also stand in for marble chips when modelling acid attack on limestone buildings. Avoid dilute sulfuric acid for gas preparation, because sparingly soluble calcium sulfate coats the granules and stops the reaction — a useful point for chemistry consumables planning.

## Supplier

These granules are sourced and supplied by Jain Scientific Equipments Private Limited, the company behind the ScienceLab name, as part of its reagent range for schools, colleges and institutional laboratories. Dealers and importers in India and international markets can request them with gas-preparation glassware on one enquiry. Read more on the [ScienceLab company profile](#).

## Related

What a ca

**Website:** <https://www.scilabexport.com>, **Email:** [sales@scilabexport.com](mailto:sales@scilabexport.com)

1226/1-5, Bengali Mohalla, Science Market | 133001, Haryana



Email : [sales@scilabexport.com](mailto:sales@scilabexport.com)

Phone: +91-7082934803