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

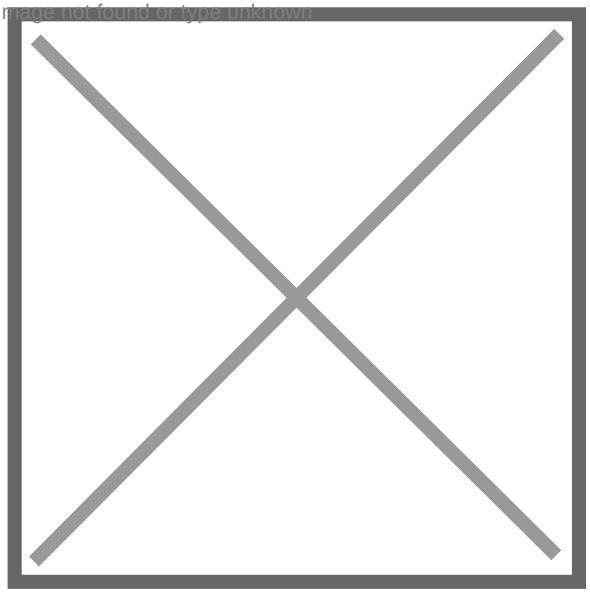
Product Name :

Calcium Carbonate (granules)

Product Code :

SCI-453/136

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Description :

Calcium Carbonate (granules) (Product Code: SCI-453/136) is an analytical reagent grade calcium carbonate ($CaCO_3$) 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, $CaCO_3$
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 storageconditions; 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.

Rela

What

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