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

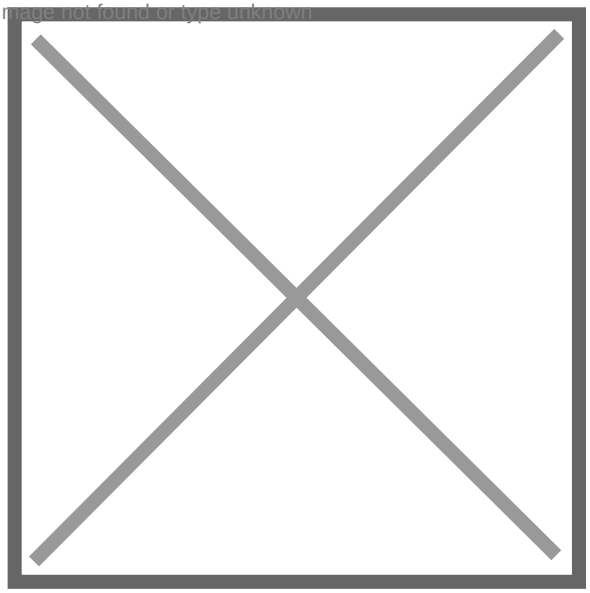
Product Name :

Calcium Carbonate (Granules) 200 g

Product Code :

SCI-561/243

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Description :

Calcium Carbonate (Granules) 200 g (Product Code: SCI-561/243) is analytical reagent grade calcium carbonate in granular form, used to generate carbon dioxide with dilute acid and to study reaction rates in school and college chemistry labs. The granules react at a steady, controllable pace that suits gas preparation, and the pack holds 200 g with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, which also lists gas collection apparatus such as side-tube flasks.

Specifications

Parameter	Detail
Form	Granules
Grade	Analytical reagent
Pack size	200 g
MSDS	Supplied
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-561/243
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Are Calcium Carbonate Granules Used For?

Granules placed in a flask or Kipp generator and covered with dilute hydrochloric acid give a steady stream of carbon dioxide that can be collected over water or by upward displacement of air. Students then test the gas with limewater, show that it puts out a burning splint, and fill gas jars to demonstrate that it is denser than air. Because granules keep their shape, the reaction does not froth up and block the delivery tube as fine powder can.

Granules also give the slower curve in rate-of-reaction investigations: comparing the same mass of granules and powder with the same acid shows clearly how surface area controls reaction speed. Avoid sulphuric acid for gas generation, because insoluble calcium sulphate coats the granules and stops the reaction; hydrochloric acid is the usual choice.

What to Specify When Ordering

- Form: granules (this listing) for steady gas generation, or the powder listing if you mainly compare rates.
- How many 200 g packs each laboratory needs for the term.
- Whether the acid and gas-generation glassware should be quoted with it.
- Delivery address and any vendor-registration forms.

Supplier

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