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

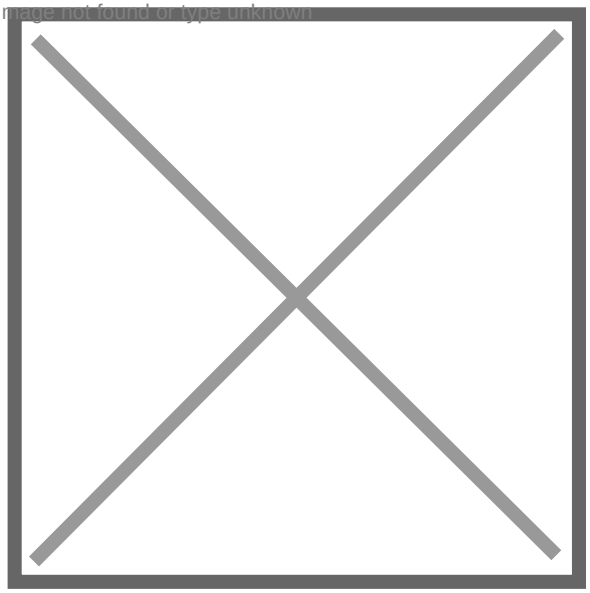
Product Name :

Calcium Carbonate (Powder) 200 g

Product Code :

SCI-563/244

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Description :

Calcium Carbonate (Powder) 200 g (Product Code: SCI-563/244) is powdered calcium carbonate of analytical reagent grade, used for rate-of-reaction, neutralisation and thermal decomposition experiments in school and college chemistry laboratories. As a powder it offers a large surface area and reacts far faster with acid than granules, and it is supplied as a 200 g pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, within its range of educational laboratory equipment in India.

Specifications

Parameter	Detail
Physical form	Powder
Grade	Analytical reagent
Quantity per pack	200 g
Safety sheet	MSDS included
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-563/244
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Calcium Carbonate Powder Used For?

In the standard rate experiment, a flask of dilute hydrochloric acid with a cotton-wool plug sits on a balance; the powder is tipped in and the mass is recorded as carbon dioxide escapes. Repeating with granules of the same mass gives a much slower curve, so students can see and graph how surface area changes reaction rate. The same set-up can then be used to vary acid concentration or temperature.

Powdered calcium carbonate also neutralises acid in the classic indigestion-remedy investigation, where students find how much powder is needed to bring an acid solution to neutral with indicator paper. Heated strongly in a crucible, it decomposes to calcium oxide (quicklime) and carbon dioxide, introducing thermal decomposition and the lime cycle. Store it dry and pour it gently to limit dust.

What to Specify When Ordering

- Physical form: powder (this listing) for fast reactions, or granules for controlled gas generation.
- Number of 200 g packs for your class groups.
- Any balance, flasks or indicator paper you want quoted for rate and neutralisation work.

Supplier

Jain
Carb
powd
inform

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