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

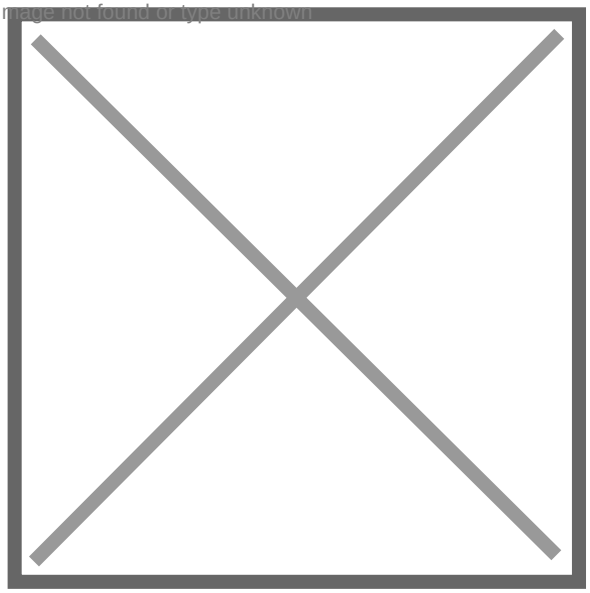
Product Name :

Calcium Carbonate

Product Code :

JSS-799/144

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Science Lab

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Description :

Calcium Carbonate (Product Code: JSS-799/144) is an analytical reagent carbonate salt used to prepare carbon dioxide and to study acid-carbonate reactions, rates of reaction and thermal decomposition in school and college chemistry laboratories. The same compound that makes up limestone, chalk and marble, it is a basic stock item on school chemistry lab equipment lists in India and comes in a 500 gm pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Pack size	500 gm
Grade	Analytical reagent
Safety documentation	Supplied with MSDS
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	JSS-799/144
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Calcium Carbonate Used For?

To prepare carbon dioxide, calcium carbonate is placed in a flask fitted with a thistle funnel and delivery tube, and dilute hydrochloric acid is poured in a little at a time. The gas is collected in gas jars by upward displacement of air and identified by turning lime water milky and putting out a burning splint. The same reaction illustrates the general rule that an acid and a metal carbonate give a salt, water and carbon dioxide.

For a rate-of-reaction investigation, a flask of acid and carbonate stands on a digital weighing balance and the loss in mass is recorded as carbon dioxide escapes, repeated at different acid concentrations or temperatures. Heating a small sample strongly in a hard-glass tube shows thermal decomposition to calcium oxide. The reaction with acid froths, so use a flask with room to spare and add acid slowly. The salt itself is low-hazard, but keep the dust out of eyes and store the pack dry.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, based in Ambala, Haryana. The company supplies reagents, including common salts like this one, to schools, colleges and distributors in India and international markets, and can quote them in the same enquiry as the gas-preparation glassware. Find out more on the company profile.

Related Chemistry Lab Products

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