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

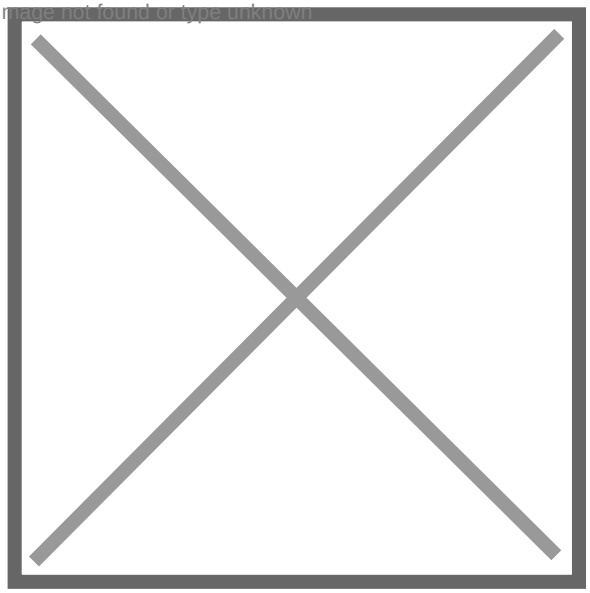
Product Name :

Calcium (Metallic)

Product Code :

SCI-547/237

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Description :

Calcium (Metallic) (Product Code: SCI-547/237) is elemental calcium metal of analytical reagent grade, used to show how an alkaline earth metal reacts with water and acids in reactivity-series practicals at school and college level. Chemistry teachers choose it because its reaction with cold water is lively yet controllable, and it comes as a 50 g pack with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of its schoolchemistry lab equipment range.

Specifications

Parameter	Detail
Material	Calcium metal
Grade	Analytical reagent
Pack size	50 g
MSDS	Included with the 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-547/237
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Calcium Metal Used For?

Dropped into cold water, a small piece of calcium sinks, fizzes steadily as hydrogen is given off and leaves a cloudy suspension of calcium hydroxide. Students can collect the gas in an inverted test tube and confirm it with a lighted splint, then dip indicator paper into the water to show that an alkaline solution has formed. Comparing the result with magnesium ribbon, which barely reacts with cold water, places calcium correctly in the reactivity series.

Calcium also burns with a brick-red flame, which links the metal to flame tests for calcium salts. Use only small pieces, wear eye protection, and keep the metal away from acids and moisture. A tightly closed container in a dry cupboard stops the surface from turning into a dull white crust.

Supplier

ScienceLab is the trading name of **Jain Scientific Equipments Private Limited**, which supplies Calcium (Metallic) from Ambala, Haryana, to schools, colleges and laboratory dealers. Along with the metal we can quote the indicator paper, test tubes and glass dishes a reactivity lesson needs. Read more about the company on the ScienceLab profile page.

Related Laboratory Equipment

For a reactivity-series lesson with Calcium (Metallic), teachers commonly add:

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