Email : sales@scilabexport.com
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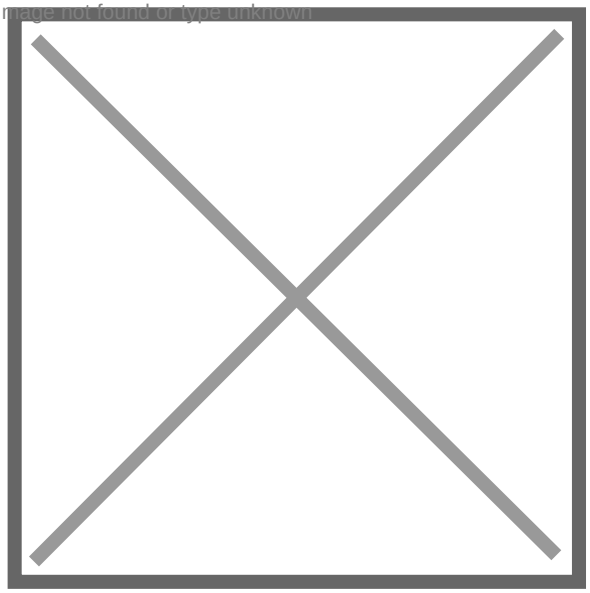
Product Name :

Barium Chloride

Product Code :

SCI-177/142

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Description :

Barium Chloride (Product Code: SCI-177/142) is an analytical reagent grade barium salt ($BaCl_2$) used as the standard test reagent for sulfate ions in school, college and water-testinglaboratories. It comes as a 200 g pack with an MSDS, from which laboratories prepare their owntest solution for salt analysis and precipitation practicals. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as one of its analytical reagents for teachinglabs.

Specifications

Parameter	Detail
Chemical	Barium chloride, $BaCl_2$
Grade	Analytical reagent
Capacity	200 g
MSDS	Provided with each 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-177/142
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Barium Chloride Used For?

In qualitative analysis, a few drops of barium chloride solution are added to the sample after acidifying it with dilute hydrochloric acid; a dense white precipitate of barium sulfate confirms sulfate ions. The acid stops carbonate or sulfite ions from giving a misleading precipitate, which is why the order of adding reagents matters.

The salt is also used in precipitation-reaction practicals, in gravimetric determination of sulfate at college level and in flame tests, where barium gives a pale apple-green flame. Soluble barium compounds are toxic if swallowed, so keep this lab chemical locked in the store, label prepared solutions clearly and wash hands after use.

Supplier

Barium Chloride is sourced for customers by Jain Scientific Equipments Private Limited, which trades as ScienceLab and handles reagent orders for school and college analysis benches. Institutions, dealers and importers in India and international markets can have it quoted with the acids and glassware for sulfate testing. The ScienceLab profile introduces the company.

Related Laboratory Equipment

What a sulfate test or precipitation practical with barium chloride calls for:

- Hydrochloric Acid — acidifies the sample before the sulfate test.

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