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

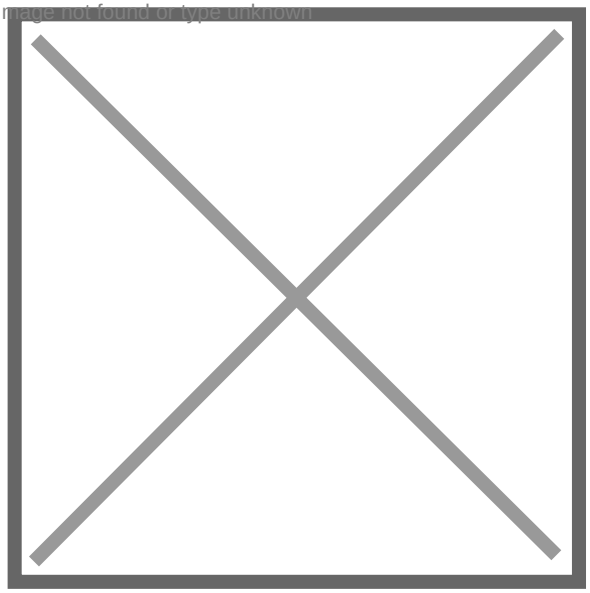
Product Name :

Barium Nitrate

Product Code :

SCI-646/282

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Description :

Barium Nitrate (Product Code: SCI-646/282) is an analytical reagent grade barium salt used to test for sulfate ions and to show the green flame colour of barium in school and college chemistry laboratories. It comes in a 100 g pack with an MSDS, and because it adds no chloride ions it isthe preferred barium reagent when a sulfate test is followed by a silver nitrate halide test on thesame sample. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala,India, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical	Barium nitrate, Ba(NO3)2
Grade	Analytical reagent
Capacity	100 g
Safety data	MSDS supplied 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-646/282
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Barium Nitrate Used For?

In qualitative analysis, a few drops of barium nitrate solution are added to the unknown solution after it has been acidified with dilute nitric acid. A dense white precipitate of barium sulfate that does not dissolve confirms sulfate ions. Because the nitrate brings no chloride with it, the rest of the sample can still be tested for halides with silver nitrate.

On a clean wire loop in a Bunsen flame, barium compounds give a pale apple-green colour, so barium nitrate sits in flame test sets for school chemistry practicals next to sodium, potassium and copper salts; the same colour explains its role in green fireworks. Soluble barium salts are toxic if swallowed and barium nitrate is an oxidiser, so students should handle only small, dilute portions under supervision, keep it away from fuels and collect residues for proper disposal.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which sources Barium Nitrate in 100 g analytical reagent packs for school laboratories, colleges, testing labs and dealers. Buyers equipping a qualitative analysis bench can ask for it together with the acids, glassware and flame test items below in a single enquiry. Read more about the company on the ScienceLab profile page.

Related Laboratory Equipment

Items