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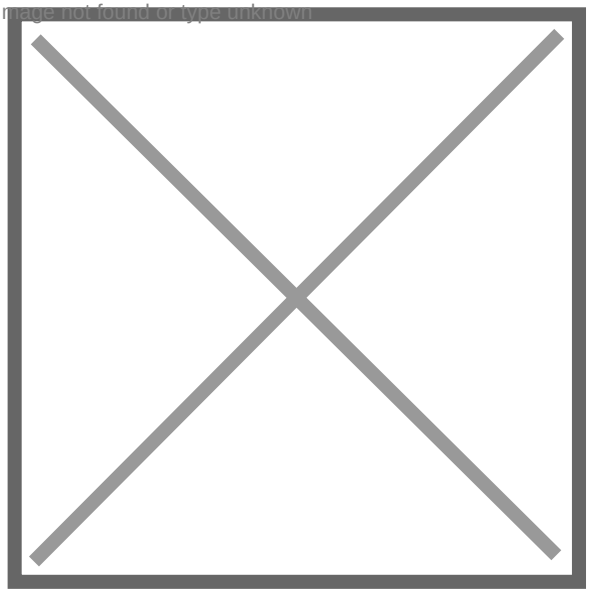
Product Name :

Barium Sulphate

Product Code :

SCL368/086

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Description :

Barium Sulphate is a dense white salt that is practically insoluble in water, suppliedas an analytical reagent in a 500 gm pack with an MSDS. Teachers keep it as aknown sample for the sulphate test, so students can set their own white precipitatebeside it, and for insolubility and filtration exercises.

Barium sulphate grade and pack

Parameter	Detail
Product	Barium Sulphate
Form	Dense white, practically insoluble salt
Grade	Analytical reagent
Pack capacity	500 gm
Supplied with	MSDS (Material Safety Data Sheet)
Product code	SCL368/086
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Sulphate tests and insoluble salt work with barium sulphate

Sulphate test beside a known sample. Dissolve a little magnesium sulphate in water in a test tube, add a few drops of dilute hydrochloric acid and then barium chloride solution. A white precipitate appears. In a second tube, shake a pinch of barium sulphate from the pack with water and the same acid, and compare the two solids.

Acid behaviour of white solids. Put a pinch of barium sulphate in one tube and a pinch of calcium carbonate powder in another, then add dilute hydrochloric acid to each. The carbonate fizzes and dissolves, while the sulphate stays as a white solid. Students learn why a sulphate precipitate must survive the acid before it counts.

Filtering an insoluble salt. Stir barium sulphate into water, let it settle and pour the mixture through Whatman's filter paper in a glass funnel. Rinse the last solid out of the beaker with distilled water from a wash bottle, wash the residue on the paper and leave it to dry. A clear filtrate shows the paper held the fine solid back.

Frequently Asked Questions About the Barium Sulphate

Why is the sample acidified with hydrochloric acid before barium chlo

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