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

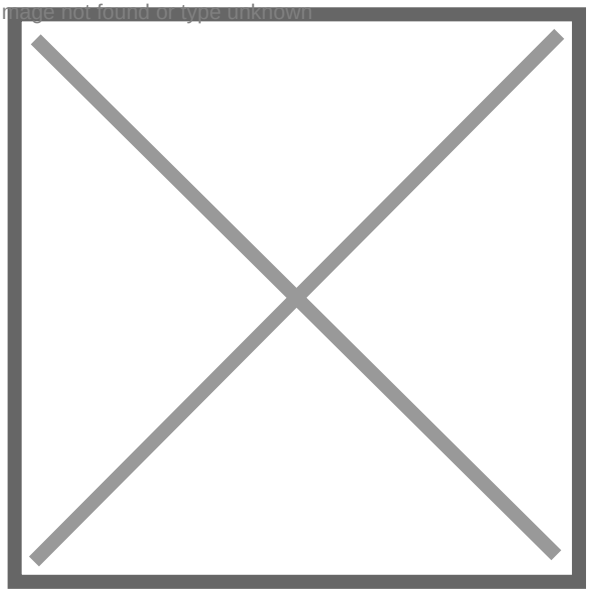
Product Name :

Magnesium Oxide 200 g

Product Code :

SCI-677/297

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Description :

Magnesium Oxide 200 g (Product Code: SCI-677/297) is an analytical reagent grademagnesium oxide (MgO) used for neutralisation, back-titration and basic-oxide experiments inschool and college chemistry laboratories. Pharmacy and chemistry students also meet it as atextbook example of an antacid base. The 200 g pack is supplied with an MSDS by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in Indiaserving schools and colleges.

Specifications

Parameter	Detail
Chemical name	Magnesium oxide, MgO
Grade	Analytical reagent
Pack size	200 g
Documentation	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-677/297
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Magnesium Oxide Used For?

Magnesium oxide barely dissolves in water yet reacts readily with dilute acids, which makes it ideal for showing how a base can neutralise an acid without being a soluble alkali. Adding a weighed portion to excess standard hydrochloric acid and then titrating the leftover acid is a well-known back-titration exercise in volumetric analysis courses. Shaking a little with water and testing with universal indicator or litmus shows its weakly alkaline suspension.

The oxide also links several topics. It is the white product formed when magnesium ribbon burns in air, so teachers compare the two in lessons on conservation of mass and empirical formulae, and its very high melting point, a result of strong ionic bonding, explains its use as a refractory lining material. Keep the pack sealed, because the powder slowly takes up moisture and carbon dioxide from air.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which sources Magnesium Oxide 200 g and supplies it to education and testing laboratories. Orders are packed with the MSDS, and the same quotation can cover indicators, burettes and the acids used in neutralisation practicals.

Institutions, dealers and importers in India and international markets will find company details on the S[illegible] profile.

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