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

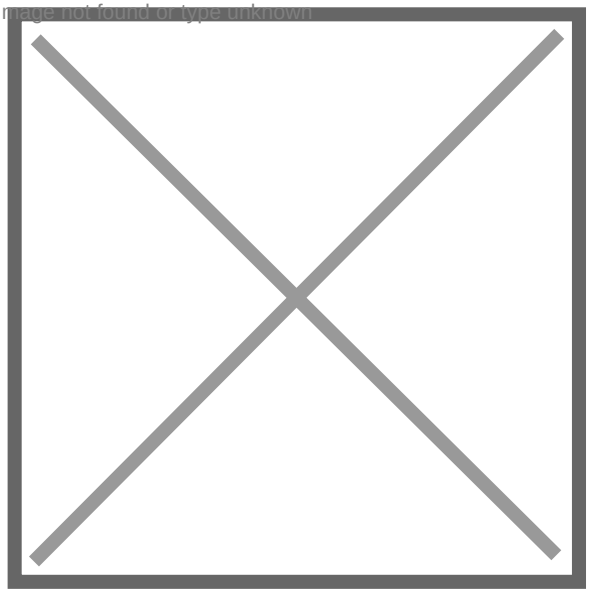
Product Name :

Granulated Zinc (granules)

Product Code :

SCI-453/175

Image not found or type unknown



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

Description :

Granulated Zinc (granules) (Product Code: SCI-453/175) is analytical reagent grade zinc metal in granule form, used to prepare hydrogen gas and to study metal reactivity in school and college chemistry laboratories. Teachers order it as a 200 g pack supplied with its MSDS, for use with dilute acids in a test tube, a gas collection apparatus or a Kipp generator. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Form	Granules
Pack capacity	200 g
MSDS	Supplied with the product
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-453/175
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Granulated Zinc Used For?

Granulated zinc with dilute hydrochloric or sulfuric acid is the standard laboratory source of hydrogen. The granules fizz steadily rather than violently, the gas can be collected over water, and a lighted splint held at the mouth of a tube of the gas gives the familiar squeaky pop. Adding a few drops of copper sulfate solution speeds up the reaction noticeably, a simple demonstration of catalysis.

In reactivity-series work, a granule dropped into copper sulfate solution becomes coated with copper while the blue colour fades, showing that zinc displaces the less reactive metal. Comparing the granules with zinc powder in the same acid shows how surface area affects reaction rate. Keep every flame away from the hydrogen being produced, and let the reaction finish before disposing of leftover acid and metal.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, which sources Granulated Zinc (granules) and sends each 200 g pack with its MSDS to schools, colleges and dealers in India and international markets. For vendor registration, the supplying company is Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597, GSTIN 06AAECJ8618A1ZT).

Gas-preparation glassware and dilute acids can be requested on the same enquiry; more about the company is on the ScienceLab profile.

Rela

Items