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

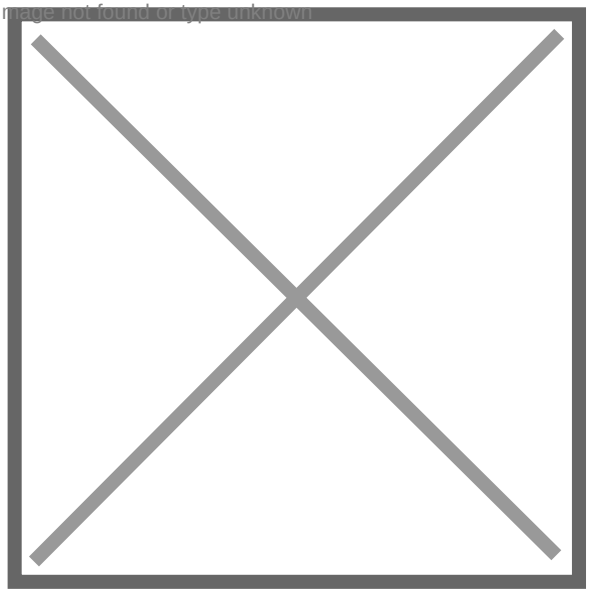
Product Name :

Zinc Sulfate 100 g

Product Code :

SCI-728/320

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Science Lab
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Description :

Zinc Sulfate 100 g (Product Code: SCI-728/320) is an analytical reagent grade zinc salt used as the electrolyte for the zinc half-cell of a Daniell cell, in reactivity-series experiments and in zinc ion tests in school and college chemistry laboratories. It forms colourless solutions that pair clearly with blue copper sulfate when students assemble an electrochemical cell kit in school, and each 100 g pack includes an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India.

Specifications

Parameter	Detail
Chemical	Zinc sulfate
Grade	Analytical reagent
Pack size	100 g
Hydration form	Not stated in the listing; ask us to confirm
Safety data	MSDS provided
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-728/320
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Zinc Sulfate Used For?

In the Daniell cell, a zinc plate stands in Zinc Sulfate solution and a copper electrode in copper sulfate solution, the two joined by a salt bridge or porous pot. Zinc gives up electrons more readily than copper, so a voltmeter across the electrodes shows a steady reading that students can relate to the reactivity series.

Displacement tests use the same solution in reverse: a strip of copper left in Zinc Sulfate shows no change, confirming that copper is less reactive than zinc. For ion identification, sodium hydroxide gives a white zinc hydroxide precipitate that redissolves in excess, as does ammonia solution, helping students tell zinc apart from magnesium and aluminium. The salt is harmful if swallowed, can damage the eyes and is toxic to aquatic life, so wear goggles and collect the waste.

What to Specify When Ordering

- The number of 100 g packs for your cell-building groups.
- Whether zinc plates, copper electrodes, copper sulfate or a Daniell cell should be quoted together.
- Any hydration form your method specifies.
- Your delivery address within India or abroad.

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