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

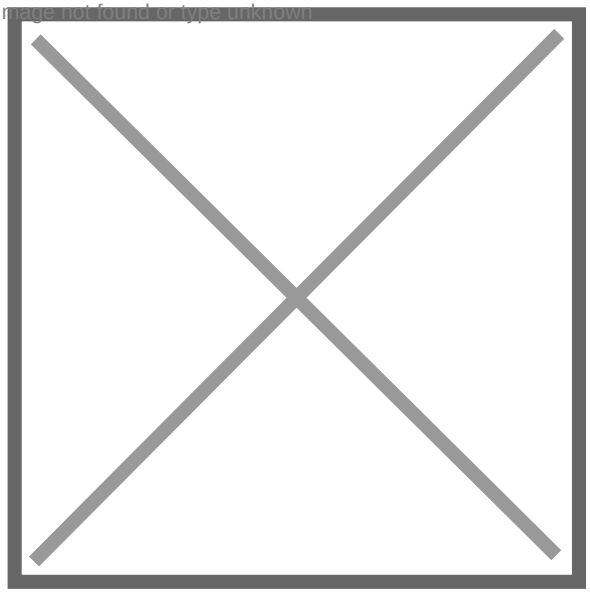
Product Name :

Copper Nitrate 100 g

Product Code :

SCI.-644/281

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Science Lab
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Description :

Copper Nitrate 100 g (Product Code: SCI.-644/281) is an analytical reagent grade copper(II) salt used to make up blue copper-ion solutions for electrolysis, colour and reaction studies in school and college chemistry laboratories. Teachers and lab technicians choose this 100 g pack when they need a copper source that dissolves readily in water, and each pack comes with its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a labchemicals supplier in India for institutions and dealers.

Specifications

Parameter	Detail
Chemical	Copper(II) nitrate (hydrate form not stated — ask us)
Grade	Analytical reagent
Capacity	100 g
Safety documentation	Supplied with MSDS
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI.-644/281
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Copper Nitrate Used For?

Dissolved in distilled water, copper nitrate gives a clear blue electrolyte for electrolysis practicals. With copper electrodes, copper leaves the anode and builds up as a pink-brown layer on the cathode, so students can weigh both electrodes before and after the run and relate the change in mass to the current and time. The same solution can be used to copper-plate a small, clean metal object in a school chemistry lab.

A dilution series made from one weighed stock solution shows how the depth of blue colour fades as the concentration falls, a simple first step into colorimetry. Copper nitrate picks up moisture from the air, so weigh it quickly and close the container straight after use. It is also an oxidiser and harmful if swallowed: keep it away from combustible materials, wear eye protection and wash hands after handling.

What to Specify When Ordering

- The listing you want: this 100 g pack (code SCI.-644/281) or the separate Copper Nitrate listing.
- The number of 100 g packs needed for your class or laboratory.
- Any hydrate form your calculations depend on, since this listing does not state one.

Supplier

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