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

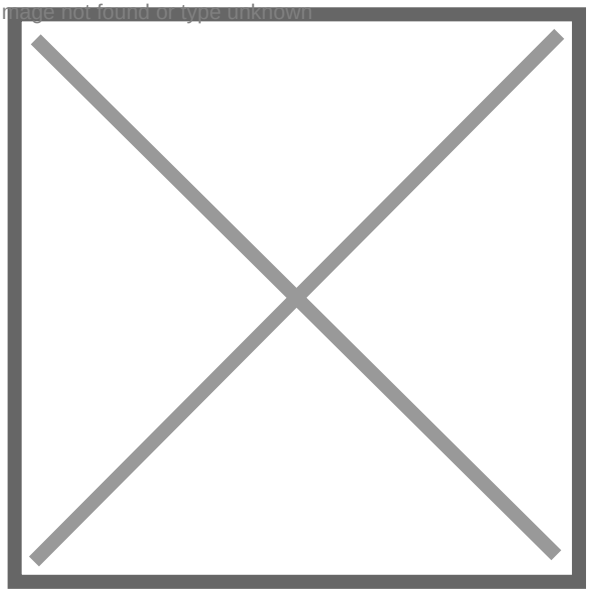
Product Name :

Copper - Powder

Product Code :

SCI-465/197

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Description :

Copper - Powder (Product Code: SCI-465/197) is an analytical reagent grade copper metal powder used for oxidation, mass-change and displacement experiments in school and college chemistry laboratories. Its fine form reacts far more quickly than lump copper, which suits quantitative practicals that must finish within one lesson; the listing is a 100 g pack with anMSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, alaboratory equipment supplier in India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Physical form	Powder
Pack size	100 g
Documentation	Supplied with MSDS
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-465/197
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Copper Powder Used For?

In a classic quantitative practical, students heat a weighed portion of copper powder in an open crucible until it has turned completely black, let it cool and weigh it again. The gain in mass is the oxygen that combined with the metal, which shows that metals get heavier when they are oxidised. Heated with sulfur in a test tube, the powder glows and forms black copper sulfide, a clear demonstration of an element becoming a compound.

The large surface area also makes displacement from silver nitrate solution quick enough to watch in class. Weigh samples on a digital weighing balance for reliable mass changes, handle the powder with a clean, dry spatula, and keep the lid closed, as the surface slowly darkens in moist air.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, sources Copper - Powder and supplies it to schools, colleges and institutions in India and international markets, with an MSDS in every consignment. Teachers planning a mass-change practical can list the powder together with crucibles, tripods and burners on one enquiry.

Read about the company on the ScienceLab profile.

Related Laboratory Equipment

Appa