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

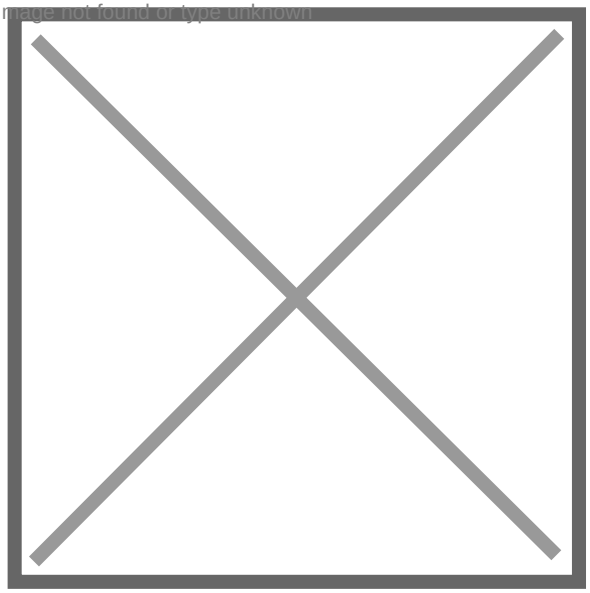
Product Name :

Copper Powder

Product Code :

SCI-917/124

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Description :

Copper Powder (Product Code: SCI-917/124) is an analytical reagent grade, finely divided copper metal used for oxidation, mass-change and formula experiments in school and college chemistry laboratories. Its fine particles expose a large surface to air and reagents, so heating reactions are easy to complete within one lesson; each 100 g pack carries an MSDS. It issupplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, alongside thecrucibles and tongs it offers as chemistry lab equipment in India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Form	Powder
Capacity	100 g
Safety documentation	MSDS supplied
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-917/124
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Copper Powder Used For?

The standard practical is to weigh a crucible, add copper powder, weigh again and heat it strongly with the lid slightly open: the salmon-pink powder darkens to black copper(II) oxide, and after cooling the contents weigh more than before. Students use the mass difference to show that oxygen from the air has combined with the metal and to work out the simple ratio of copper to oxygen in the oxide.

The black oxide made this way can be reduced back to pink copper by heating it with powdered carbon, closing the loop on oxidation and reduction in a single topic. Stir the powder gently during heating so the whole sample reacts, move the hot crucible with crucible tongs onto a heatproof mat to cool before weighing, and keep the stock container closed and dry between classes.

Supplier

Copper Powder is sourced by ScienceLab, the trading name of Jain Scientific Equipments Private Limited, and supplied with its MSDS to schools, colleges and laboratories. Dealers and importers in India and international markets can request pack quantities together with the crucibles and tongs used in the same practical. Company background is available on the ScienceLab profile.

Related Laboratory Equipment

Apparatus and chemicals for heating copper and studying its oxide: