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

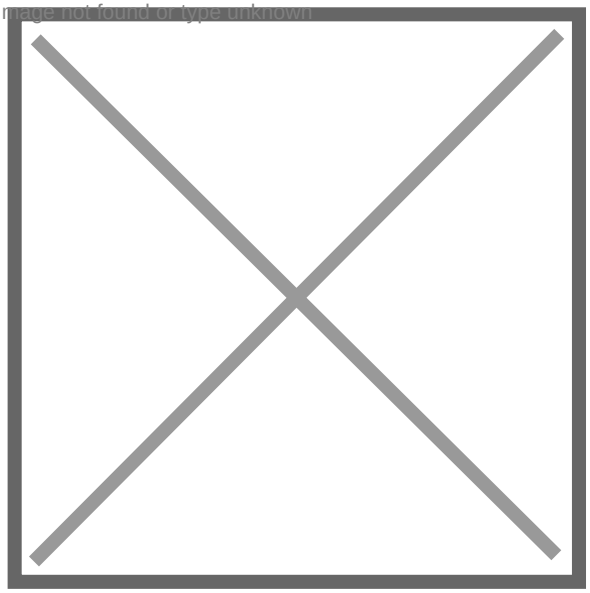
Product Name :

Iron (Powder)

Product Code :

SCI-523/226

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Description :

Iron (Powder) (Product Code: SCI-523/226) is analytical reagent grade metallic iron in powder form, used to teach mixtures and compounds, metal displacement and magnetic separation in school and college science laboratories. It is supplied in a 200 g pack with its MSDS, and the fine powder reacts faster than iron filings because of its larger surface area. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Substance	Iron (Fe), metallic
Form	Powder
Grade	Analytical reagent
Pack size	200 g
MSDS	Supplied with the pack
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-523/226
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Iron Powder Used For?

The classic iron and sulphur practical starts here. Students mix iron powder with sulphur powder, pull the iron back out with a magnet to show it is only a mixture, then heat a second portion so it glows and forms iron(II) sulphide, which the magnet no longer attracts. This one experiment explains the difference between a mixture and a compound better than any diagram, which is why it features in most school chemistry lab equipment lists in India.

Iron powder also displaces copper from copper sulphate solution, turning the blue solution pale green and coating the grains with red-brown copper, a clear introduction to the reactivity series. Sprinkled into a Bunsen flame it throws bright sparks, and with dilute hydrochloric acid it releases hydrogen. Keep the container closed and dry to limit rusting, avoid raising dust clouds near flames, and store it away from acids and oxidisers.

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, supplies Iron (Powder) from Ambala, Haryana, to schools, colleges and dealers in India and international markets. Buyers abroad can note the supplying company’s Importer-Exporter Code AAECJ8618A (DGFT) and GSTIN 06AAECJ8618A1ZT for their vendor records. Find out more on the ScienceLab profile page.

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