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

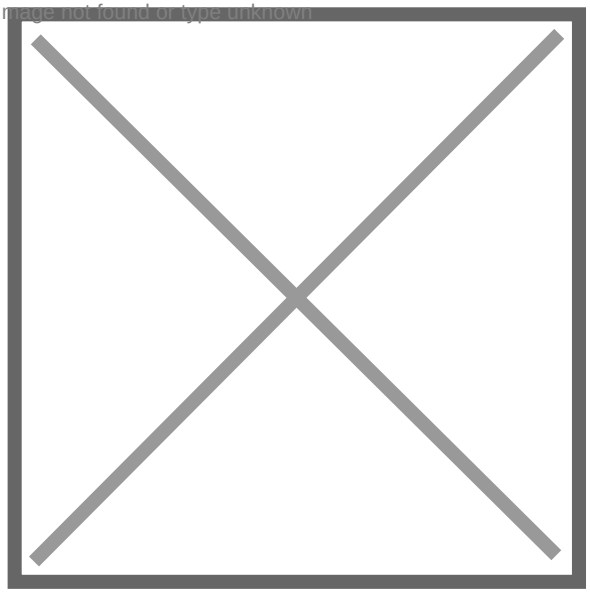
Product Name :

Iron Sulfide

Product Code :

SCI-735/323

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Description :

Iron Sulfide (Product Code: SCI-735/323) is an analytical reagent grade iron(II) sulfide used to generate hydrogen sulfide gas with dilute acid for qualitative analysis and gas-chemistry lessons in school and college laboratories. It comes as a 100 g pack with its MSDS and doubles as a reference sample of the compound formed when iron and sulfur are heated together. It issupplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry lab instruments supplier that also stocks reagents like this one.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack capacity	100 g
MSDS	Supplied with the product
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-735/323
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Iron Sulfide Used For?

Iron(II) sulfide reacts with dilute hydrochloric or sulfuric acid to release hydrogen sulfide, the gas traditionally used in qualitative salt analysis to precipitate metal sulfides from acidic and ammoniacal solutions. It is the usual charge for a Kipp's apparatus or a simple test-tube gas generator, and the gas is identified by the black stain it leaves on moist lead acetate paper.

Hydrogen sulfide is highly toxic, and its rotten-egg smell cannot be relied on because the gas quickly dulls the sense of smell, so generate only small amounts inside a fume cupboard and close the generator after use. Students can also compare this sample with the product of their own iron and sulfur heating experiment: with dilute acid the compound gives hydrogen sulfide, whereas the unheated mixture gives mostly hydrogen from the free iron.

What to Specify When Ordering

- The number of 100 g packs each laboratory needs.
- Whether this pack suits your gas generator, or whether the separately listed Ferrous Sulphide sticks fit your apparatus better.
- Companion reagents such as dilute hydrochloric acid and lead acetate for the same enquiry.

Supplier

Jain Scientific Equipments Private Limited, known by its trading name ScienceLab, supplies Iron Sulfide from Ambala in 100 g packs with the MSDS for analysis teaching in schools and colleges. It can
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