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

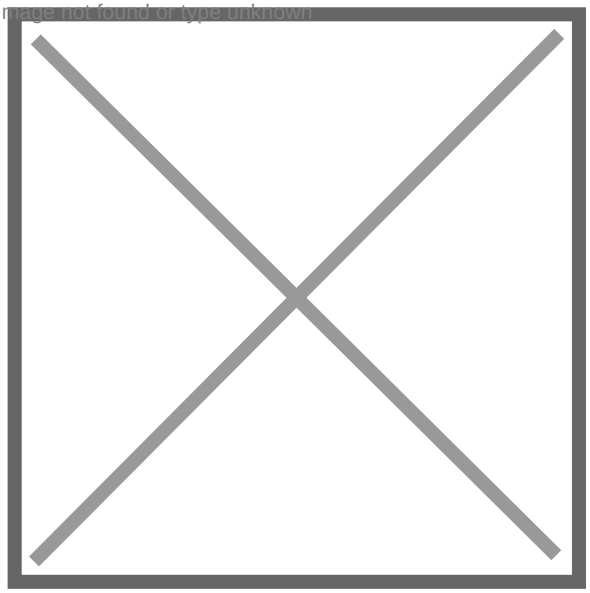
Product Name :

Potassium Sulfide 100 g

Product Code :

SCI.-737/324

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Description :

Potassium Sulfide 100 g (Product Code: SCI.-737/324) is an analytical reagent grade potassium sulfide used to show metal tarnishing, dark sulfide films on copper and silver, and polysulfide formation in chemistry and materials-science laboratories. The 100 g pack comes with its MSDS, so staff have the handling data for a reagent that gives off hydrogen sulfide with acids. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India to schools and colleges.

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.-737/324
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Sulfide 100 g Used For?

Dipping a cleaned strip of copper or a piece of silver into a dilute, warm potassium sulfide solution quickly forms a dark sulfide film, which shows students why silver tarnishes in air containing traces of hydrogen sulfide and how metalworkers create antique finishes. Potassium sulfide is closely related to “liver of sulfur”, the potassium sulfide–polysulfide mixture used to darken copper and silver, so the experiment links corrosion chemistry with craft and conservation.

Boiling the solution with a little powdered sulfur turns it yellow to orange as polysulfides form, a simple way to show that sulfur atoms can join into chains in solution. Acidify samples only inside a fume cupboard, because acids release hydrogen sulfide, and keep the solid tightly closed since it takes up moisture from the air.

What to Specify When Ordering

- Which listing you are ordering: this page and the separate Potassium Sulfide page both describe a 100 g analytical reagent, so name one code to avoid a double order.
- The number of 100 g packs each laboratory needs.
- Companion items such as copper pieces or sulfur powder for the same demonstration.

Supplier

Jain Scientific Equipments Private Limited supplies Potassium Sulfide 100 g under its ScienceLab name from Ambala, with the MSDS accompanying each pack, for chemistry departments and materials-science classes. Export shipments are handled under Importer-Exporter Code AAEC
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