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

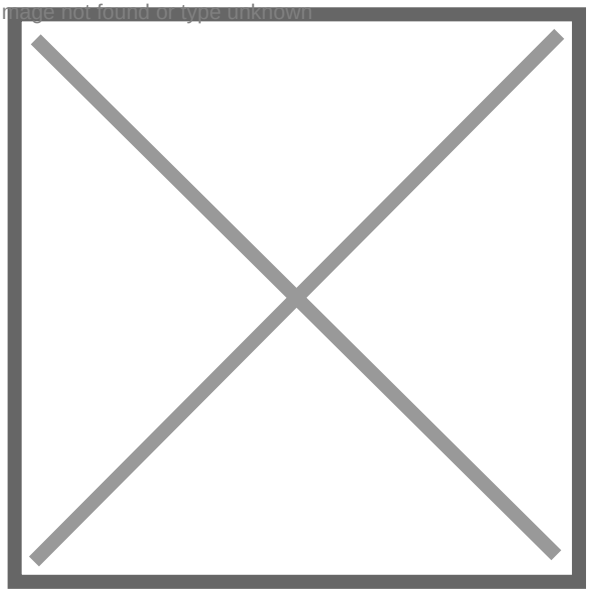
Product Name :

Potassium Sulfide

Product Code :

SCI-737/324

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Description :

Potassium Sulfide (Product Code: SCI-737/324) is an analytical reagent grade alkali-metal sulfide used as a source of sulfide ions for precipitation, hydrolysis and redox experiments in school and college chemistry laboratories. It is packed as 100 g with its MSDS and serves as the potassium counterpart of sodium sulfide in inorganic teaching. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of its work as a laboratory chemicals supplier in India.

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 Used For?

Solutions of potassium sulfide precipitate coloured metal sulfides from salt solutions, such as black lead and copper sulfides and white zinc sulfide, and release hydrogen sulfide when acidified, which must be done in a fume cupboard. The solution is strongly alkaline because sulfide ions react with water, a point worth showing with universal indicator paper in salt-hydrolysis lessons.

Sulfide is also a good reducing agent: adding bromine water or acidified potassium permanganate to a potassium sulfide solution produces a pale yellow cloudiness of sulfur as the sulfide is oxidised, and the permanganate loses its purple colour. The solid absorbs moisture and slowly reacts with air, so reseal the container promptly and wear gloves and eye protection when making up solutions.

What to Specify When Ordering

- The number of 100 g packs each laboratory needs.
- The code SCI-737/324, because the catalogue also shows a second Potassium Sulfide 100 g listing.
- Companion reagents such as bromine water, potassium permanganate or zinc and lead salts for the same practicals.

Supplier

ScienceLab — the trading name of Jain Scientific Equipments Private Limited — supplies Potas
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