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

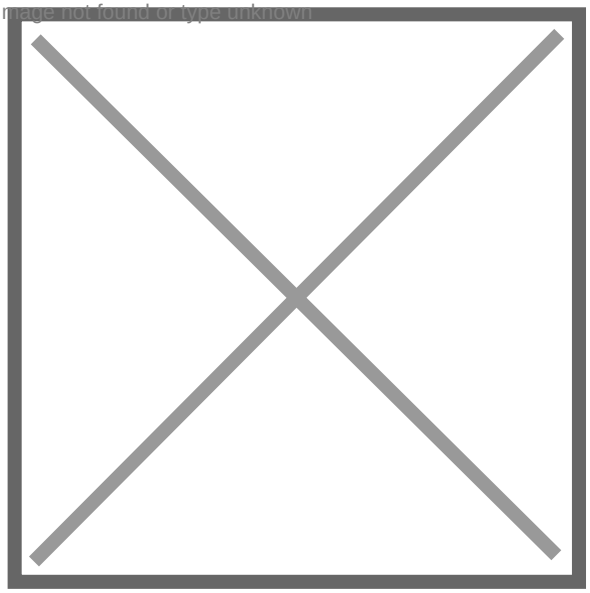
Product Name :

Potassium Chloride 500 g

Product Code :

SCI-569/247

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Description :

Potassium Chloride 500 g (Product Code: SCI-569/247) is an analytical reagent grade potassium salt used to make salt bridges, conductivity solutions and solubility-curve samples in school and college chemistry laboratories. The 500 g pack suits departments that use the salt across many benches or practical sessions, and it arrives with an MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory chemicals supplier in India, for schools and colleges setting up an electrochemical cell kit.

Specifications

Parameter	Detail
Grade	Analytical reagent
Capacity	500 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-569/247
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Chloride Used For?

In a galvanic cell practical, a U-tube or strip of filter paper soaked in saturated potassium chloride solution forms the salt bridge that completes the circuit between the zinc and copper half-cells without mixing them. Potassium and chloride ions move at similar speeds, which keeps the bridge from distorting the measured voltage. Potassium chloride solutions of known concentration are also a common reference for checking conductivity meters and for electrolyte-conductivity demonstrations.

Because its solubility rises steadily with temperature, potassium chloride is a good salt for plotting a solubility curve from crystallisation temperatures. It gives a lilac flame colour, seen most clearly through blue cobalt glass, and a white silver chloride precipitate with acidified silver nitrate, so it also serves as a known sample in flame and chloride tests. Keep the pack sealed, as the salt picks up moisture and cakes in humid weather.

What to Specify When Ordering

- Pack size: this listing is the 500 g pack; smaller packs of the same salt appear under related items.
- Number of packs per department or campus.
- Companion apparatus, such as the galvanic cell or conductivity set.
- Delivery location, plus the vendor-registration details your institution requires.

Supplier

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