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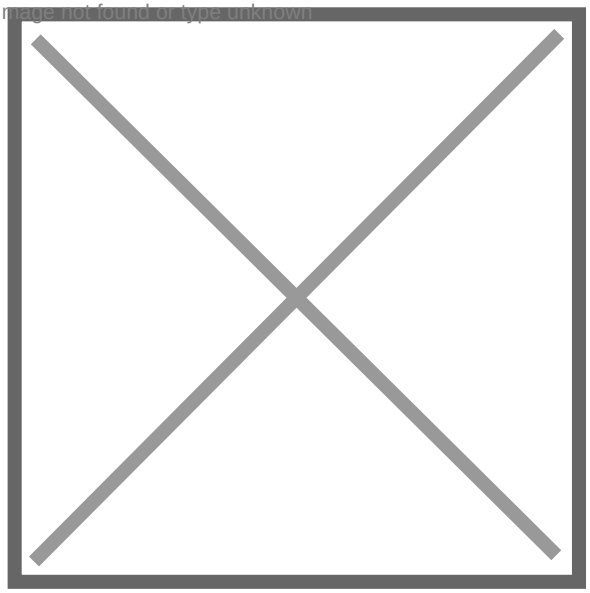
Product Name :

Potassium Chloride

Product Code :

SCL370/085

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Description :

Potassium Chloride (Product Code: SCL370/085) is a soluble potassium salt used as an electrolyte, a salt-bridge filling and a test salt for chloride and potassium reactions in school, college and university laboratories. It is offered as a 100 g pack of analytical reagent grade withan MSDS for the lab's safety records. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India that also serves international markets.

Specifications

Parameter	Detail
Capacity (pack size)	100 g
Grade	Analytical reagent
Documentation	MSDS included
Shelf life	Shelf life depends on the chemical, its grade and storageconditions; ask us for the expiry date of the batch you are quoted.
Product code	SCL370/085
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Chloride Used For?

Potassium chloride dissolves easily and its solutions conduct electricity well, so it is a standard electrolyte for conductivity demonstrations and for the salt bridge that joins the two half-cells in an electrochemical cell kit for schools. In pH work, potassium chloride solutions are also used to store and top up many electrodes; follow your meter's instructions for the exact solution.

In salt analysis, the chloride ion gives a white precipitate with silver nitrate solution, while a flame test on the solid shows the pale lilac colour of potassium, most easily seen through blue cobalt glass. Biology teachers use dilute solutions in osmosis and plant-nutrition activities. The salt is less hazardous than many reagents, but keep it dry, sealed and labelled, and follow the supplied MSDS.

Supplier

Potassium Chloride is a sourced reagent that Jain Scientific Equipments Private Limited, trading as ScienceLab, supplies from Ambala, Haryana. We quote it together with conductivity apparatus, burners and glassware, so a department can equip a whole practical through one supplier. Read more on our company profile page.

Related Laboratory Equipment

Electrolyte and salt-analysis practicals with Potassium Chloride commonly use:

- Conductivity of Solutions Apparatus — shows how well electrolyte solutions conduct

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