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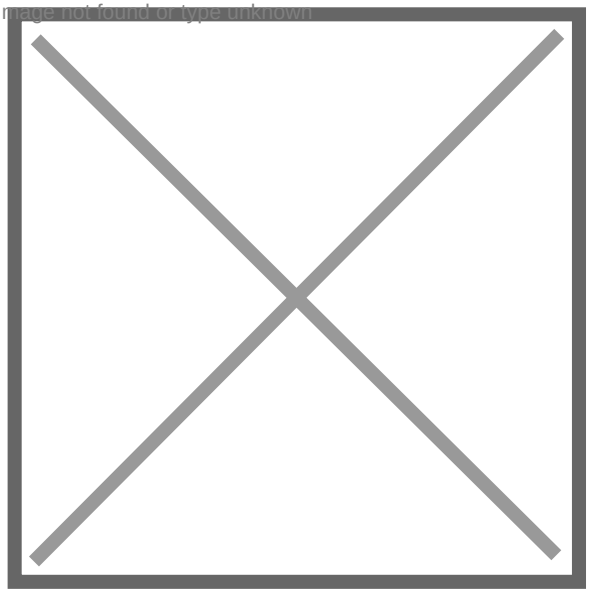
Product Name :

Potassium Chloride 200g

Product Code :

SCI-162/139

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Description :

Potassium Chloride 200g (Product Code: SCI-162/139) is an analytical reagent gradepotassium salt used for flame tests, solubility-curve investigations and electrochemistry in schooland college chemistry laboratories. The 200 g pack arrives with its MSDS and fits neatly into aflame test kit for school practicals or a solubility experiment kit. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack capacity	200 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-162/139
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Chloride Used For?

In the flame test, a little potassium chloride on a clean wire loop colours the flame lilac, and viewing it through blue cobalt glass hides any yellow from sodium traces so the potassium colour can be identified with confidence. Because potassium chloride dissolves endothermically, students also feel the solution cool as the salt goes in, a quick introduction to energy changes.

For solubility curves, known masses are dissolved in a fixed volume of water at different temperatures and the saturation point is recorded, giving a steadily rising curve. Electrochemistry classes use it to make salt bridges, because its two ions move at similar speeds, and solutions of known concentration are common reference standards for conductivity meters. Biology and agriculture lessons can also use it as an example of a potash fertiliser.

Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited in Ambala, sources Potassium Chloride 200g as an analytical reagent and supplies it with its MSDS to schools, colleges, dealers and importers in India and international markets. Several potassium chloride pack sizes appear in the catalogue, so a store can match the pack to how quickly it uses the salt. Read more on the ScienceLab profile.

Related Laboratory Equipment

Items for flame tests, solubility curves and other potassium chloride practicals:

- Flame Test Of Chemicals Lab Investigation — a structured investigation of metal ion flame

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