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

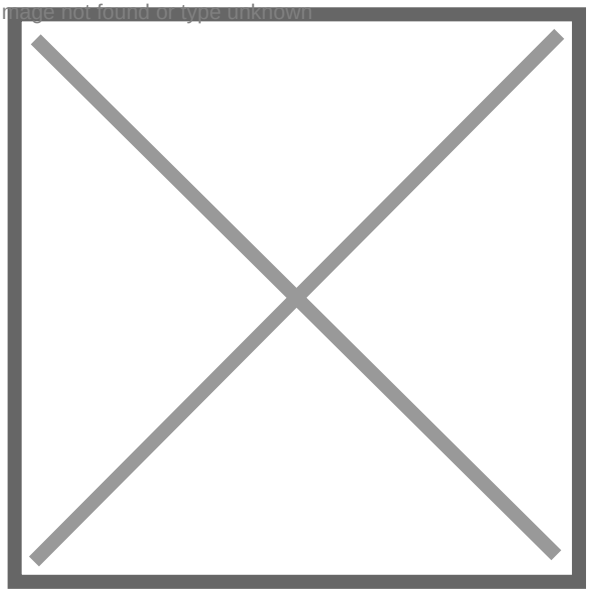
Product Name :

Potassium Nitrate 200 g

Product Code :

SCI-651/284

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Description :

Potassium Nitrate 200 g (Product Code: SCI-651/284) is an analytical reagent grade nitrate salt used as a known nitrate for the brown ring test, a lilac flame test sample and an endothermic dissolving experiment in school and college chemistry laboratories. Teachers use the 200 g pack, supplied with an MSDS, both for ion tests and for measuring the temperature drop when the salt dissolves. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a chemistry consumables supplier in India.

Specifications

Parameter	Detail
Chemical	Potassium nitrate, KNO3
Grade	Analytical reagent
Capacity	200 g
Documentation	Supplied with MSDS
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-651/284
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Nitrate Used For?

For the brown ring test, a little potassium nitrate solution is mixed with freshly prepared iron(II) sulfate solution, and concentrated sulfuric acid is poured slowly down the side of the tilted tube. A brown ring where the two layers meet confirms nitrate ions. Running the test first on this known nitrate shows students what a positive result looks like before they try unknown salts.

Dissolving potassium nitrate in water absorbs heat, so a thermometer in the beaker records a clear fall in temperature, an easy way to introduce endothermic change and enthalpy of solution in a school chemistry lab. In a flame test, potassium gives a lilac colour that is best seen through blue cobalt glass, which hides any yellow from sodium traces. The salt is an oxidiser, so store it away from fuels, sulfur and charcoal.

What to Specify When Ordering

- The listing you need: this 200 g pack (SCI-651/284) or the separate Potassium Nitrate listing.
- The number of 200 g packs for your laboratory.
- Whether the iron(II) sulfate and concentrated sulfuric acid for the brown ring test should be quoted at the same time.

Supplier

Potas[illegible] is sourced and supplied by Jain Scientific Equipments Private Limited, the c[illegible]s and d[illegible]seas buyer[illegible]n

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