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

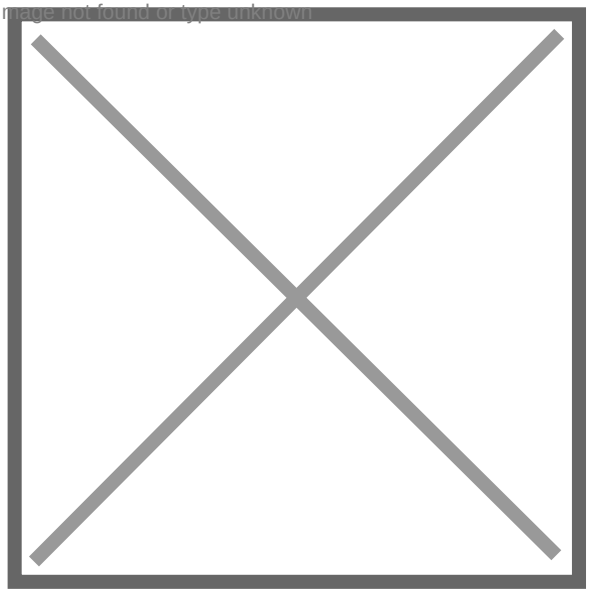
Product Name :

Potassium Iodide

Product Code :

SCI-543/235

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Science Lab

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Description :

Potassium Iodide (Product Code: SCI-543/235) is an analytical reagent grade iodide salt used to prepare iodine solutions, run iodometric titrations and test for lead and silver ions in school and college chemistry laboratories. Teachers and lab assistants order it as a 100 g pack, and each pack is accompanied by its MSDS. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory chemicals supplier in India for institutions and dealers.

Specifications

Parameter	Detail
Grade	Analytical reagent
Pack size	100 g
Safety documentation	MSDS supplied with the pack
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	SCI-543/235
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Potassium Iodide Used For?

Iodine barely dissolves in plain water, but it dissolves readily in potassium iodide solution because the iodide ion combines with iodine to form the soluble triiodide ion. That is why potassium iodide is the base of the iodine solution used in the starch test on food samples and leaves. In volumetric analysis it releases iodine from oxidising agents, and the liberated iodine is then titrated with sodium thiosulfate using starch as the indicator.

In qualitative work, potassium iodide solution added to a lead salt gives a bright yellow lead iodide precipitate that redissolves in hot water and reappears as glittering crystals on cooling, a popular classroom demonstration. With silver nitrate it forms pale yellow silver iodide. Store the crystals in a tightly closed, dark bottle, because iodide slowly oxidises in light and moist air and turns yellow-brown.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and supplies Potassium Iodide from Ambala, Haryana, alongside the iodine, starch and thiosulfate that complete an iodometry bench. The reagent is sourced for teaching and routine analytical use, and the MSDS travels with every pack so your safety file stays current. Company background is on the ScienceLab profile page.

Related Laboratory Equipment

Iodine chemistry practicals that use Potassium Iodide usually call for these items as well: