



Email : sales@scilabexport.com

Phone: +91-7082934803

Product Name :

Potassium Iodine-Iodine Solution

Product Code :

SCL384/092

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Website: <https://scilabexport.com>, **Email:** sales@scilabexport.com

1226/1-5, Bengali Mohalla, Science Market | 133001, Harvana



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Description :

Potassium Iodine-Iodine Solution (Product Code: SCL384/092) is an iodine solution containing potassium iodide, used to test for starch and to stain plant and animal cells in biology and chemistry teaching laboratories. It is supplied in a 250 ml bottle of analytical reagent grade with an MSDS for schools stocking an iodine solution for lab food tests. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Capacity	250 ml
Grade	Analytical reagent
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	SCL384/092
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Iodine Solution Used For?

The starch test is its most common use: a few drops on a food sample or starch suspension change from yellow-brown to blue-black when starch is present. Students use the same colour change to follow the digestion of starch by amylase over time, and to show that a green leaf kept in light has made starch once its chlorophyll has been removed with warm alcohol.

Under the microscope, the solution works as a simple stain: it colours starch grains in potato cells blue-black and makes the nuclei of onion epidermis cells easier to see, so it is a staple of any staining kit for the biology lab. Iodine marks skin, clothing and benches and irritates the eyes, so dispense it from a dropper bottle and wear goggles. Store it tightly closed in a brown bottle away from light, which slowly weakens it.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, Haryana, sources Potassium Iodine-Iodine Solution and supplies it with the microscopes, slides and glassware used in biology practicals. Learn more about the company on our [company profile](#) page.

Related Laboratory Equipment

Starch tests and cell staining with Potassium Iodine-Iodine Solution go well with:

- [Soluble Starch](#) — a known starch sample for the positive control.
- [Iodine \(Crystals\)](#) — for labs that prepare their own iodine solutions.
- [Dropper](#)
- [Biological](#)
- [Petri](#)

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