Email : sales@scilabexport.com
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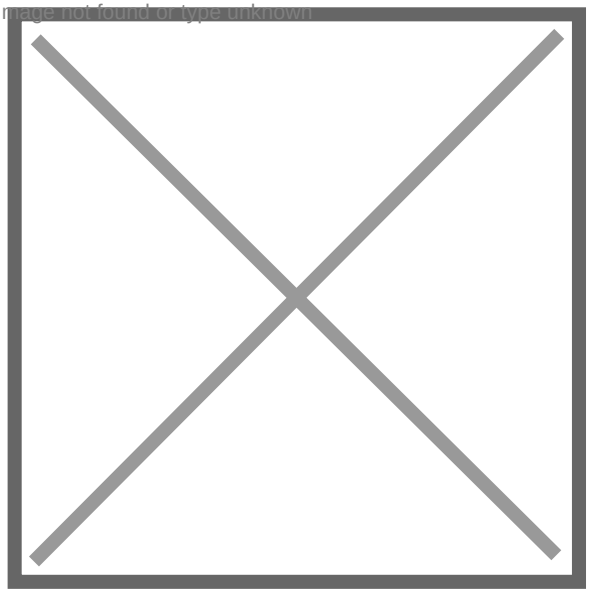
Product Name :

Potassium Iodine-Iodine Solution

Product Code :

SCL384/092

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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 withan 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.

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