Science Lab

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Product Name :

Iodine Flask

Product Code :

SLE/GFL/11



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Description :

Iodine Flask (Product Code: SLE/GFL/11) is a stoppered borosilicate glass flask made for the determination of iodine. Its ground joint and stopper let the reaction mixture be closed off while it stands, so volatile iodine is not lost before titration, and its thick, uniform walls stand up to regular handling. Analytical chemistry teachers, pharmacy and food-testing labs and quality-control technicians use it for iodometric work. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as borosilicate laboratory glassware in India for volumetric analysis in teaching and testing laboratories.

Specifications

Parameter	Detail
Material	Borosilicate glass
Wall	Thick, uniform wall thickness
Markings	Printed in white enamel
Closure	Ground joint with stopper
Resistance	Heat resistant and chemical resistant
250 ml capacity	Joint size 24/29 or 29/32
500 ml capacity	Joint size 24/29 or 29/32
Purpose	Determination of iodine

Typical Use

In a typical iodometric determination the sample is placed in the flask with potassium iodide and acid, the stopper is seated in the ground joint, and the flask is left to stand — often in the dark — while iodine is liberated. The stopper and neck are then rinsed into the flask and the iodine is titrated with sodium thiosulphate, adding starch indicator near the end point. The same closed-flask routine is used for iodine value of oils and fats, available chlorine in bleaching powder and other classic exercises where students work with iodine solution in the lab.

Choose 250 ml for routine student titrations and 500 ml where the method calls for larger reagent volumes. Both capacities are listed with either a 24/29 or a 29/32 joint, so specify the size that matches any spare stoppers or accessories you already hold. Keep the ground surfaces clean and dry, and never force a stopper that has seized.

Manufacturer

The flask is manufactured by **Jain Scientific Equipments Private Limited**, which sells under the **ScienceLab** brand from Ambala, Haryana. The company is a registered MSME enterprise (Udyam UDYAM-HR-01-0003714) and ships export orders under Importer-Exporter Code AAECJ8618A issued by the DGFT. More details are on our company profile.

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