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Product Name :

Evaporating Flask

Product Code :

SLE/GFL/07



Science Lab

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Description :

Evaporating Flask (Product Code: SLE/GFL/07) is a borosilicate glass flask for concentrating solutions by removing solvent, typically with gentle heating and often under reduced pressure. Itis heat resistant and chemical resistant, carries graduations that show how far a solution hasbeen reduced, and is made in 100 ml, 250 ml, 500 ml, 1000 ml and 5000 ml capacities.Research, pharmacy and chemistry laboratories use it alongside laboratory distillation apparatusin India and abroad. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala.

Specifications

Parameter	Detail
Type	Evaporating flask
Material	Borosilicate glass
Capacities	100 ml, 250 ml, 500 ml, 1000 ml, 5000 ml
Scale	Graduated
Properties	Heat resistant; chemical resistant
Field of use	Chemical laboratory

Typical Use

An evaporating flask holds the solution while its solvent is driven off, leaving a more concentrated solution or a solid residue — for example after an extraction, when a plant extract or reaction product needs to be recovered from a large volume of solvent. The flask is usually warmed in a laboratory water bath, and reducing the pressure lowers the boiling point so heat-sensitive material is not overheated. The graduations let the operator see at a glance how much liquid remains and stop at the required volume.

Fill the flask to no more than about half its volume so there is room for the liquid to boil without bumping into the connections, and warm it gradually. If the flask is to be used on an existing evaporator or jointed assembly, check the neck or joint compatibility with us first. The large 5000 ml size helps where bulk solvent has to be removed in a single run.

Manufacturer

The Evaporating Flask comes from **Jain Scientific Equipments Private Limited**, which trades as **ScienceLab** and is based in Ambala, Haryana, India. Registered with the Ministry of Corporate Affairs under CIN U29309HR2020PTC087597, the company manufactures at its licensed factory at 449, HSIIDC Industrial Area, Saha, Ambala, under Factory Licence AMB-ONLINE-CHD-J-414. See the company profile for further details.

Related Laboratory Equipment

Equipment used in the same evaporation workflow:

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