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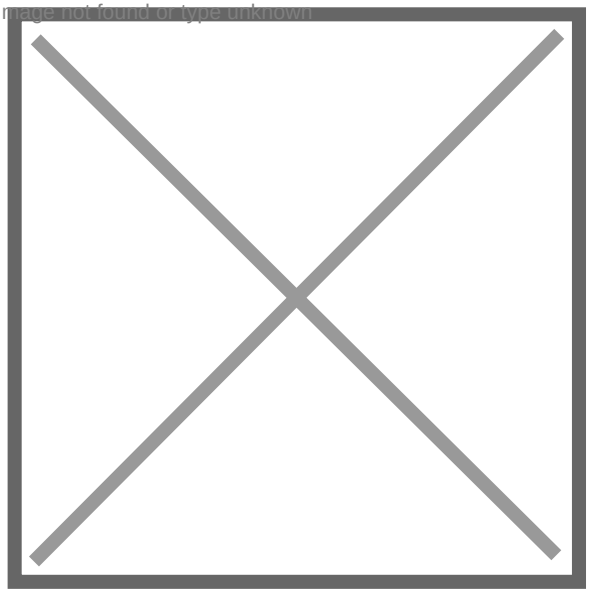
Product Name :

Osmotic Pressure Apparatus

Product Code :

“SCL222/034”

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Description :

Osmotic Pressure Apparatus (Product Code: SCL222/034) is a glass demonstration set used to show osmosis and osmotic pressure at elementary levels in school biology classes. A semipermeable membrane seals the open mouth of a thistle funnel fitted with an indicator tube, the funnel stands in a reservoir, and a dropping pipette is supplied with the set. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Material	Glass
Design	Semipermeable membrane sealing the open mouth of a thistlefunnel with an indicator tube
Arrangement	Funnel can be positioned in a reservoir
Supplied with	Dropping pipette
Level	Designed for exploring osmosis and osmotic pressure at elementary levels
Product code	SCL222/034
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Osmotic Pressure Apparatus Used For?

It is used to make the movement of water across a membrane visible to a whole class. The funnel is filled with a concentrated sugar solution, the membrane is secured over its mouth, and the funnel is placed mouth-down in a reservoir of water with the indicator tube held upright. Water moves through the membrane into the more concentrated solution and pushes the column up the tube; marking the level at intervals turns the demonstration into a simple set of readings. The dropping pipette is used to adjust the starting level precisely.

Tie the membrane tightly and check for leaks before starting, clamp the tube vertically and add a little food colour to the sugar solution so the column is easy to see from the back of the room. As an osmosis experiment kit for school classes, the set suits the secondary years in which osmosis is first taught.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the OEM of this apparatus and makes it at its own licensed factory at Saha, Ambala, Haryana, India. Schools, colleges, dealers and importers therefore deal directly with the maker, and can ask us about spare membranes or replacement glass parts. Institutions setting ScienceLab up as a vendor can use C e for more

Rela

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