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Product Name :

Molecular Model Kit, Glucose

Product Code :

SLE/Mo/13



Description :

Molecular Model Kit, Glucose (Product Code: SLE/Mo/13) is a model-building kit used to assemble the glucose molecule so students can study the structure of this simple sugar in biology and chemistry classes. Made from precision-engineered moulds, its parts join firmly and are stored in a durable compartment case, making it a dependable chemistry teaching kit for schools in India. **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of school chemistry lab equipment in India, makes the glucose kit at its own factory in Ambala.

Key Details

Parameter	Detail
Molecule	Glucose (a monosaccharide)
Construction	Moulded parts with joining pieces designed for a firm assembled model
Moulds and materials	Precision-engineered
Storage	Durable storage case with compartments
Part count and structural form	Not stated in this listing — ask us
Product code	SLE/Mo/13
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Glucose Model Kit Used For?

Glucose, C6H12O6, is the sugar produced in photosynthesis and broken down in respiration to release energy. In solution it exists mostly as a six-membered ring, and its alpha and beta forms differ only in the position of one hydroxyl group — a small difference that separates starch from cellulose. A physical model makes these arrangements far easier to grasp than a formula on the board.

Students can count the atoms in the assembled model against the formula, then use it while balancing the photosynthesis and respiration equations. Two glucose models, or a glucose model beside the sucrose kit, help show how sugars join by condensation. Linking the model to a Benedict's test on real glucose connects structure to a practical result.

OEM Manufacturer

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, the OEM (original equipment manufacturer) of the Molecular Model Kit, Glucose. The kit is made at the company's own licensed factory at Saha, Ambala, Haryana, India, and supplied factory-direct to schools, colleges, dealers and importers.

Institutional and tender buyers who need vendor registration details can use GSTIN 06AA
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