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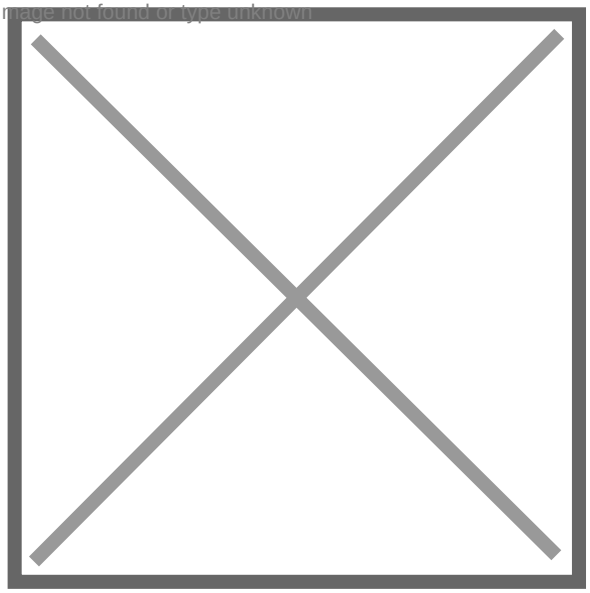
Product Name :

Molecular Model Set – Semi-Space Filling

Product Code :

SLE/Mo/34

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Description :

Molecular Model Set – Semi-Space Filling (Product Code: SLE/Mo/34) is a semi-space filling model set used to build a wide range of biochemistry molecules, such as amino acids, sugars and nucleotides, in school and university biology and chemistry labs. With 66 carbon, 40 oxygen, 34 nitrogen and 105 hydrogen spheres, it shows molecules closer to their real proportions than open ball-and-stick models, making it a practical biology teaching aid. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Model style	Semi-space filling
Application	A wide range of biochemistry molecular models
Carbon spheres	66
Nitrogen spheres	34
Oxygen spheres	40
Phosphorus spheres	6
Sulphur spheres	2
Metal spheres	2
Hydrogen spheres	105
Short links (white)	100
Non-visible links	60
Product code	SLE/Mo/34
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Semi-Space Filling Model Set Used For?

Semi-space filling models sit between open ball-and-stick models and full space-filling models: the atoms sit closer together, giving a better sense of molecular size and shape while the bonds can still be traced. That suits biochemistry, where students need to see how amino acids join into peptides, how sugars form rings and how nucleotide units are built.

The phosphorus spheres allow phosphate groups in nucleotides and ATP, while the sulphur spheres cover the side chains of cysteine and methionine. Use the non-visible links for a compact look and the short white links where a visible bond helps the explanation. It is a useful teaching aid for biology and chemistry classrooms in India and international markets that cover biomolecules.

OEM

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