Email : sales@scilabexport.com
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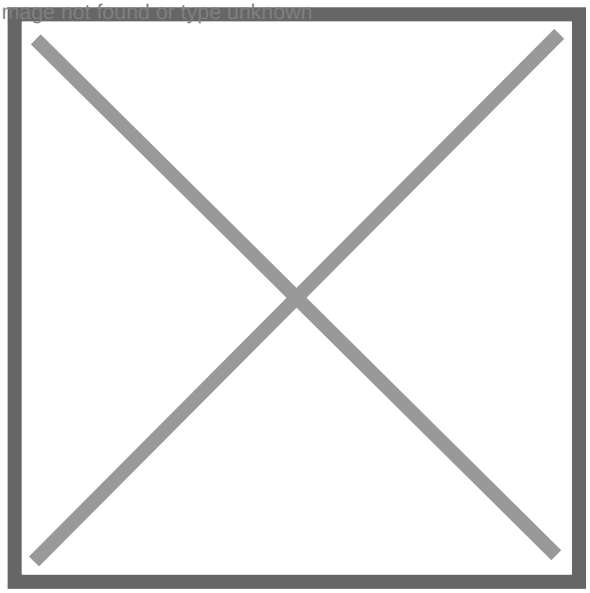
Product Name :

Molecular Model Set – Complex Ions

Product Code :

SLE/Mo/26

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Description :

Molecular Model Set – Complex Ions (Product Code: SLE/Mo/26) is a coordination-chemistry model set used to build metal complex ions and their ligands in advanced school and college inorganic chemistry. With 9 metal atom parts alongside 24 nitrogen, 28 carbon and 75 hydrogen atoms, it provides the building blocks for ligands such as ammonia and organic groups around a central metal. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Metal atoms	9
Carbon atoms	28
Nitrogen atoms	24
Oxygen atoms	10
Halogen atoms	6
Hydrogen atoms	75
Short links (white)	75
Non-visible links	85
Product code	SLE/Mo/26
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Complex Ions Model Set Used For?

Complex ions are easier to understand when students can see the ligands arranged around the central metal in three dimensions. Teachers use a set like this to compare octahedral, tetrahedral and square planar geometries, to show how ligands such as ammonia, water or chloride donate a lone pair to the metal, and to explain isomerism in coordination compounds.

Build one complex before class and let students construct a second with a different ligand or geometry, then discuss coordination number and the overall charge on the ion. The mix of short white links and non-visible links gives a choice in how bonds appear in the finished model. It is a useful addition to chemistry lab equipment for schools and colleges in India and abroad that teach transition metal chemistry.

What to Specify When Ordering

- The number of complex ions sets for demonstration or group work.
- Whether you also need a general set with lone pair paddles, such as the Molecular Model Set – Inorganic/Organic Student
-

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