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Product Name :

Molecular Model Set, 20 Amino Acid Collection

Product Code :

SLE/Mo/17



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Description :

Molecular Model Set, 20 Amino Acid Collection (Product Code: SLE/Mo/17) is a molecular model set used to build amino acids, the building blocks of proteins, in biochemistry, biology and chemistry teaching. As the name indicates, it covers a collection of 20 amino acids, with precision-moulded parts that join firmly and a durable case with compartments to keep everything organised. The set is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Collection	20 amino acids (as named)
Listing reference	Amino Acid Collection Set 8
Joining pieces	Designed so models stay firm when handed aroundthe class
Moulds and materials	Precision-engineered
Storage	Durable storage case with compartments for segregating parts
Amino acids included and part count	Not listed here — confirmed with your quotation
Product code	SLE/Mo/17
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the 20 Amino Acid Model Set Used For?

Every amino acid has the same core: a central carbon atom bonded to an amino group, a carboxyl group, a hydrogen atom and a side chain, often called the R group. The side chain is what makes each amino acid different, deciding whether it is non-polar, polar, acidic or basic. With 20 models in one collection, a class can compare many side chains directly.

Teachers use the set to sort amino acids by side-chain property, to discuss why most amino acids exist in mirror-image forms, and to join two models to show how a peptide bond forms. Dividing the collection among groups, with each group presenting its amino acids, works well in biochemistry classes and makes a strong biology model kit for bulk orders across several sections.

OEM Manufacturer

Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597) trades as ScienceLab and is the OEM (original equipment manufacturer) of the Molecular Model Set, 20 Amino Acid Collection. Production takes place at the company's licensed factory at 449, HSIIDC Indus

Sets

detail

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