Email : sales@scilabexport.com
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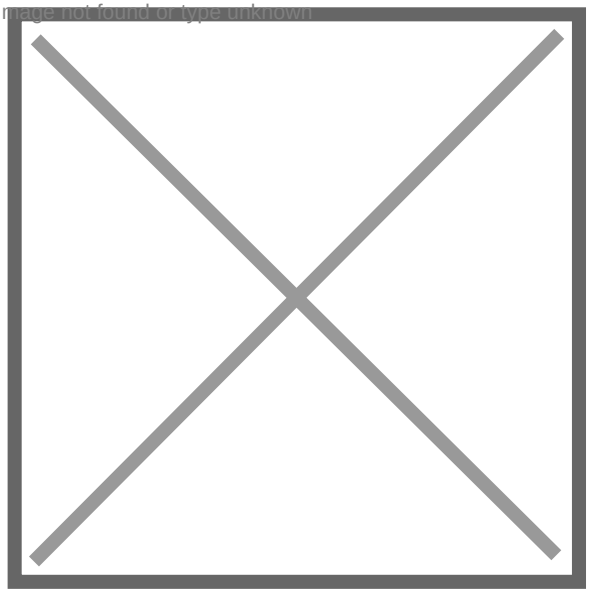
Product Name :

Alkanes

Product Code :

SCI-391/162

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Description :

Alkanes (Product Code: SCI-391/162) is a laminated wall chart used to introduce the alkanes — the saturated hydrocarbon family — in organic chemistry classrooms and laboratories. At 70 cm x 100 cm it serves as a standing reference while students draw structural formulas and learn how the members of the series are named. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Topic	Alkanes (saturated hydrocarbons)
Chart size	70 cm x 100 cm
Finish	Laminated
Mounting	Wall mounted
Suitable for	Classrooms and laboratories
Product code	SCI-391/162
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Alkanes Chart Used For?

Alkanes contain only carbon–carbon single bonds and follow the general formula C_nH_{2n+2}, forming a homologous series in which each member differs from the next by a CH_2 unit: methane CH_4, ethane C_2H_6, propane C_3H_8, butane C_4H_{10} and so on. Their names follow the number of carbon atoms, and boiling points rise steadily as the chain grows, which is why the first members are gases while longer chains are liquids and waxy solids.

Teachers use the chart when opening the organic chemistry unit, when teaching systematic (IUPAC) naming, and in lessons on the combustion of fuels such as LPG and natural gas or the substitution reactions of alkanes with halogens. Building the same molecules with a molecular model kit for organic chemistry beside the chart helps students see the tetrahedral arrangement around each carbon atom.

OEM Manufacturer

The Alkanes chart is manufactured by Jain Scientific Equipments Private Limited, the company behind the ScienceLab name, acting as OEM at its own licensed factory at Saha, Ambala, Haryana, India. Organic chemistry charts and molecular models are dispatched from the factory to schools, colleges, dealers and importers, and quotations are prepared by the manufacturer itself. Read the ScienceLab profile for company details.

Related Laboratory Equipment

Chart

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