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Product Name :

Minerals Test Kit

Product Code :

SLE/ES/19



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Description :

The **Minerals Test Kit** (Product Code: SLE/ES/19) gathers the simple tools students need to identify rocks, minerals and fossils by their physical properties – streak, hardness, magnetismand close visual detail – in one resealable zip-lock pouch. It is used by middle and secondaryschool classes, geography departments and introductory college geology practicals as a compact science kit for students working in pairs or small groups. The kit is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Purpose	Tools for rock, mineral and fossil identification by students
Packing	Zip-lock pouch
Streak testing	Streak plate
Hardness comparison	Glass plate, nail, penny and hardness scale
Close observation	Hand lens
Liquid tests	Dropper bottle
Magnetism check	Magnet

Typical Use

A standard identification sequence starts with the hand lens to note colour, lustre, grain size and crystal shape. Students then drag the specimen across the streak plate to reveal the colour of its powder, which is often more reliable than surface colour. Hardness is bracketed by trying to scratch the sample with the penny and the nail, and by testing whether the sample scratches the glass plate; the result is compared with the hardness scale in the pouch. The magnet quickly picks out iron-bearing minerals such as magnetite.

The dropper bottle is intended for liquid tests; any reagent it holds is provided by the school and should be used only under teacher supervision. As a hands-on earth science kit it works well in rotation stations, where each group records results on a worksheet before comparing identifications with a reference collection. After class, wipe the plates dry and return every tool to the pouch so nothing goes missing between lessons.

Manufacturer

This kit comes from Jain Scientific Equipments Private Limited, which trades under the ScienceLab name from Ambala in Haryana and produces educational apparatus for schools, colleges and training institutes. Its earth science items are sent to customers in India and international markets. Read the ScienceLab company profile for background on the business.

Related Earth Science Equipment

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