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Product Name :

Mineral ID Starter Set

Product Code :

SLE/ES/12



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Description :

The **Mineral ID Starter Set** (Product Code: SLE/ES/12) contains 30 different minerals, with 5 of each sample, for identification using the taxonomic key contained in the lab manual. Students test each specimen for hardness, specific gravity, colour, streak and cleavage, and a Mineral Testing Kit is included with the tools needed for those tests. It is a complete, class-ready science kit with manual support for schools at home and abroad, supplied as educational laboratory equipment in India by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Minerals	30 different minerals, 5 of each sample
Identification method	Taxonomic key contained in the lab manual
Properties tested	Hardness, specific gravity, colour, streak and cleavage
Mineral Testing Kit	Streak plate, glass plate, hand lens, magnet, acid bottle, nail, penny and hardness scale

Typical Use

Because every mineral is supplied five times over, up to five groups can work through the same specimens in parallel and then compare their conclusions. A typical practical runs through the key step by step: rub the specimen on the streak plate, try to scratch the glass plate, test against the nail and penny to bracket the hardness, check for magnetism, look at cleavage surfaces through the hand lens magnifier, and, where the key calls for it, use the acid bottle to check for fizzing. Each result narrows the choices in the taxonomic key until the mineral is named.

The set builds scientific habits as much as mineral knowledge: recording observations before drawing conclusions, repeating a test when results disagree, and using a dichotomous key. Wipe streak and glass plates clean between tests, keep the acid bottle under teacher control, and return minerals to their own compartments so the five sets stay complete.

Supplier

Jain Scientific Equipments Private Limited supplies this set under its ScienceLab trading name from Ambala, Haryana, where the company builds and sources equipment for school and college science departments. Company information is on the company profile.

Related Earth Science Equipment

Consumables and add-ons for mineral identification practicals:

- Minerals Test Kit — an extra set of testing tools in a pouch for additional groups
- Black Streak Plates — spare unglazed porcelain tiles for streak testing
- Streak Plates Glass — extra glass plates for separating hard and soft minerals
- Hydrochloric Acid Dilute — a common choice for the acid fizz test on carbonates, used
- More