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Product Name :

Water Monitoring Kit, Microscience

Product Code :

SLE/CH/180



Science Lab
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Description :

Water Monitoring Kit, Microscience (Product Code: SLE/CH/180) gives students a simple and safe way to carry out basic water quality tests, with enough equipment for most of the chemical tests on ten different water samples. Its written material is aimed at surface water from rivers and dams, and it helps learners decide whether a source is in good, fair or bad condition and what could be done to improve it. A hands-on environmental science kit for schools and part of our chemistry lab equipment in India, it is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

Specifications

Parameter	Detail
Type	Microscience basic water quality testing kit
Sample capacity	Equipment for most of the chemical tests on ten different watersamples
Written material	Applies to surface water from rivers and dams; some tests can also be done on ground water
Residual chlorine test	Applies to treated water only
Outcome	Classifies the water tested as good, fair or bad condition
Nature of results	Rough qualitative guide for educational purposes only; samplesrequire confirmatory testing at a recognised reference centre

Typical Use

The kit works best as a project that takes students out of the classroom. Groups collect samples from a nearby river, pond, dam or borewell, label each one with the place, date and time, and bring them back to run the chemical tests using the microscale equipment. Because the kit covers ten different samples, a class can compare upstream and downstream points, or a natural source against treated tap water, where the residual chlorine test becomes meaningful.

Once the results are recorded, students rate each source as good, fair or bad and suggest practical actions, from reducing waste dumping to improving local treatment, which links chemistry to the lives of the people who depend on that water. Teachers should stress that the kit gives a rough qualitative guide only and that any real concern must be confirmed by a recognised reference centre. Wear gloves when handling untreated water, keep samples cool and covered until testing, and wash hands afterwards.

Manufacturer

Jain Scientific Equipments Private Limited makes this kit in Ambala, Haryana, under the ScienceLab name, as part of its range of microscale and environmental science equipment for schools and colleges. The company profile explains who we are and how we support institutions.

Related Chemistry Lab Equipment

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