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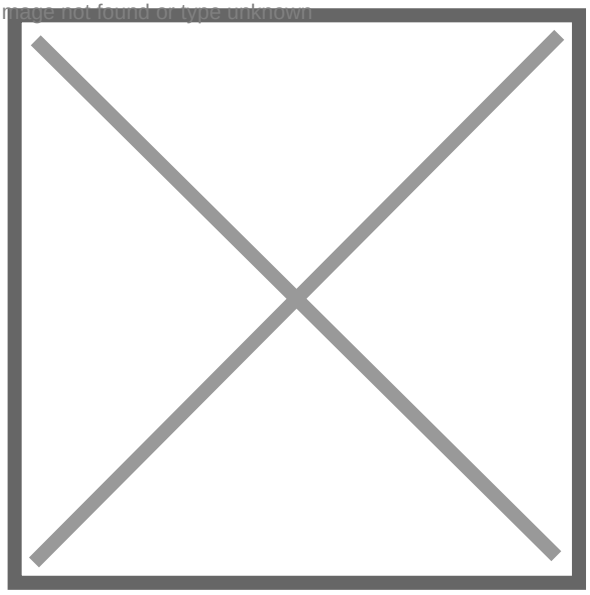
**Product Name :**

Crime Scene Investigation – Forensic Chemistry Of Whodunit

**Product Code :**

SLE/CH/115

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## Description :

**Crime Scene Investigation – Forensic Chemistry Of Whodunit** (Product Code: SLE/CH/115)is a forensic chemistry case in which students solve the crime of the missing frogs. Four possible suspects have been identified, and the class uses fingerprints, hair examination and chemical analysis of ink by Thin-Layer Chromatography to decide who is most likely responsible. With material for 6 groups and printed teaching resources, it doubles as a story-led chromatography kit for school India laboratories. The activity is supplied as chemistry lab equipment in India by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala.

### Key Details

| Parameter | Detail |
|---|---|
| Case scenario | The crime of the missing frogs |
| Suspects | Four possible suspects |
| Forensic techniques | Fingerprints, hair examination and chemical analysis of ink by Thin-Layer Chromatography |
| Printed resources | Teacher’s Manual, Student Guide and Analysis copy-masters |
| Group capacity | Material for 6 groups |

### Typical Use

The lesson opens with the mystery: frogs have gone missing and four suspects are in the frame. Each of the 6 groups works through three lines of evidence. Fingerprint comparison narrows the field by pattern type, hair examination adds physical evidence that must be compared carefully, and the ink analysis brings in real chemistry, as students spot ink samples on a TLC plate, develop it and compare the separated bands with ink linked to each suspect. No single test is decisive on its own, so groups must weigh all three results before naming the most likely culprit, which mirrors how forensic scientists build a case.

The Teacher’s Manual sets out the running of the activity, while the Student Guide and Analysis copy-masters can be photocopied so every learner records observations in the same format. For teachers who prefer a science kit with manual India syllabuses can map onto, this makes preparation straightforward. Run the TLC stage in a ventilated area with solvent jars covered, and ask groups to present their verdict with evidence at the end of the session.

### Supplier

This forensic activity is supplied by **Jain Scientific Equipments Private Limited**, which trades as **ScienceLab** from Ambala, Haryana, India, and also manufactures laboratory apparatus for education. Buyers completing vendor registration can use the company’s GSTIN 06AAECJ8618A1ZT and its Legal Entity Identifier, LEI 3358004HRD1JIVXKYX49. More details are on our company profile.

### Related Chemistry Lab Equipment

Items