



## Scheduled Waste Characteristic Analysis

The Scheduled Waste (SW) generated from industrial processes need to be properly treated and disposed to avoid contamination of ground water, soil, and air. It contributes a major share towards environmental degradation.

For waste characterization, ALS uses a range of methods to determine the types of materials in waste streams. These methods vary depending on individual regulations by firms, regulatory bodies, or government agencies. ALS provides these waste testing services to waste management operators and to companies wishing to mitigate the impact of industrial waste.

### 5 Groups of Scheduled Wastes:-

- SW 1 • Metal and metal-bearing wastes
- SW 2 • Wastes containing principally inorganic constituents which may contain metals and organic materials
- SW 3 • Wastes containing principally organic constituents which may contain metals and inorganic materials
- SW 4 • Waste which may contain either inorganic or organic constituents
- SW 5 • Other wastes

DoE Waste List: <https://eswis.doe.gov.my/wasteList.aspx>

### REGULATORY REQUIREMENT

- Waste composition analysis should be carried out by the waste generators as required in the **First Schedule, Environmental Quality (Scheduled Wastes) 2005 Regulations**. Waste characteristic and composition analysis is carried out in accordance to the test parameter set out in Waste Acceptance Criteria (WAC) module

- ALS Malaysia has obtained SAMM Accreditation to conduct testing according to **Department of Environment (DoE) Special Management of Scheduled Waste (TCLP, STLC and TTLC) & Waste Acceptance Criteria (WAC) Analysis as per First Schedule Environmental Quality (Scheduled Wastes) 2005 Regulations**.

### ANALYSIS TURNAROUND TIME (TAT)

Standard TAT: 10-14 Working days

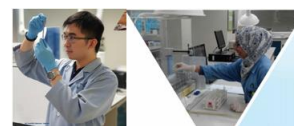
### MINIMUM SAMPLE REQUIRED

Liquid Sample: 1Litre/sample

Solid Sample: 500 gram/sample

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