







ISO/TS 21268-1	Soil quality - Leaching procedures -liquid to solid ratio of 2 I to 1 kg (Compliance)
ISO/TS 21268-2	Soil quality - Leaching procedures - liquid to solid ratio of 10 l/kg dry matter (Compliance)
ISO/TS 21268-3	Soil quality - Leaching procedures - Up-flow percolation test (Basic characterisation)
ISO/TS 21268-4	Soil quality - Leaching procedures for - Influence of pH on leaching with initial acid/base addition (Basic characterisation)
ISO/DIS 18772	Soil quality - Guidance on leaching procedures for subsequent chemical and ecotoxicological testing of soils and soil materials

## General outline of the batch test methods

- 3 tests: different liquid/solid ratio, and pH varied
- Steps:
- Sample pre-treatment and dry weight determination
- Leaching step: water with low Calcium Chloride content, usually 24 hours
- (pH test: 8 values between pH 4-12, pH adjustment in advance)
- Separation step: centrifuge or filter
  Determination of pH, redox, turbidity (or DOC and conductivity)
- Analysis of leachate and reporting.

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Standardised leaching tests for soil testing-results of work within ISO Uwe.fortkamp@ivl.se



