

**Method Number: PM 023**

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**Method Summary**

**Leaching Procedure for NRA Leachates**

**Scope and Range**

This procedure determines the leachability of compounds from soil to water over a 24 hour period, following the NRA leaching method.

**References**

Leaching test method for the Assessment of Contaminated Land: Interim NRA Guidance. National Rivers Authority R & D note 301. (1994).

**Principle**

To determine the quantity of water soluble compounds present in the sample, which may leach into the groundwater. A portion of sample is mixed with deionized water in the ratio 10:1. Any soluble compounds present in the soil leach into the water and the leachate is then sent for analysis.

**Interferences**

The sample is used as received. for all samples

The sample should have a grain size of at least 90% less than 5mm. If the oversized material exceeds 10% then the entire oversized portion should be crushed using either a hammer or crushing equipment.