

## METHOD STATEMENT

**Determinand:**

Soil Preparation for determination of water-soluble determinands on soils and other solids

**Matrix:**

Sample Type: soils and other solids

**Principle of Method:**

A mass of sample is weighed out and a volume of water approximately 10 times its weight is added. The sample is then shaken for 30 minutes and filtered.

**Interferences:**

N/A

**Performance of Method:**

***Range of Application:***

N/A

***Limit of Detection and Calibration Bias:***

$$\text{LOD (mg/kg)} = \frac{(A \times 1.22 \times 1000)}{\% \text{ Dried Solids of that sample}}$$

Where: A is the LOD from the waste anions by colorimetry method in mg/l

***Recoveries of Compounds and Uncertainty of measurement:***

N/A

**References:**

R&D Note 301, Leaching Test Method for the Assessment of Contaminated Land, Interim Guidance, NRA (1994).

