

# METHOD STATEMENT

**Determinand:**

BSEN12457 Part 3 Leach Test.

**Matrix:**

Materials with high solid content and with a particle size below 4mm (with or without size reduction).

**Principle of Method:**

Soluble and suspended species are leached from waste into water.

The procedure is based on BSEN 12457-3:2000 and consists of a two stage batch test at a liquid to solid ratio of 2 litres per kg and then 8 litres per kg.

The sample material, which originally or after pre treatment, has a particle size below 4mm, is brought into contact with water under defined conditions. The test is a serial batch-leaching test consisting of two stages. The solid residue is separated by filtration and the leachate tested for temperature, conductivity and pH to give an indication of leachate conditions.

**Interferences:**

N/A

**Performance of Method:**

N/A

**References:**

BS EN 12457-3:2002 - Characterisation of waste - Leaching - Compliance test for leaching of granular waste materials and sludges - Part 3: Two stage batch test at a liquid solid ratio of 2 l/kg and 8 l/kg for materials with a high solid content and with particle size below 4mm (without or with size reduction).