

## METHOD STATEMENT

**Determinand:**

Moisture content at 105°C

**Matrix:**

Soil and solid waste material

**Principle of Method:**

A watch glass is weighed and recorded on a batch file, a portion of 'as received sample' is added to it and the weight is recorded. The watch glass is then placed in an oven at 105°C for 3 hours. The watch glass is then cooled in a desiccator. Then re-weighed and this weight is recorded. The moisture content at 105°C is calculated by weight difference and reported as a percentage of the original sample weight.

**Sampling and Sample Preparation:**

The test is carried out on a test portion of an as received soil sample.

**Interferences:**

Any volatile substances present that evaporate below 105°C will give an elevated moisture result

**Performance of Method:**

Normal Reporting Limit: 0.1%

**References:**

Methods for Collection & Analysis of Samples from National Grid Sites. Version 1. September 2006.

