

# METHOD STATEMENT

**Determinand:**

Total Viable Count at 30°C and Yeast and Mould Count at 22°C

**Matrix:**

Laponite samples

**Principle of method:**

The powder undergoes an initial dilution, and two pairs of plates are inoculated with 1ml and 0.1ml each using this initial dilution. Molten agar is used to prepare pour plates, which are incubated at 30°C (TVC analysis) / 22°C (fungal analysis) for 5 days. The number of microorganisms per gramme of sample is calculated using the weighted average formula.

**Sampling and Sample Preparation:**

Samples are supplied to the laboratory in sterile containers and are sampled according to the customer's own procedures.

**Interferences:**

None documented

**Performance of method:**

Limit of Detection: <10 cfu/g

**References:**

Total Viable Count at 30°C Laporte Specification for Laponite samples, , ALS method W36

BYK Specification