

## METHOD STATEMENT

**Determinand:**

Total Viable Count at 30°C BYK specification

**Matrix:**

Laponite samples

**Principle of method:**

The powder undergoes an initial dilution and pairs of plates are inoculated using this initial suspension and a 1/100 dilution. Molten agar is used to prepare pour plates, which are incubated at 30°C for 5 days. The number of microorganisms per gram 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

