



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Enumeration of Presumptive *Bacillus cereus*

Method Number: ISO-7932:2004

Scope of Application: Product intended for human consumption, animals and environmental samples.

Description: A quantitative method for the enumeration of presumptive *Bacillus cereus*. Samples are weighed and transferred onto a selective medium and incubated at 30°C for 24-48 hours. Presumptive colonies are sub-cultured onto sheep blood agar for confirmation by haemolysis.

The number of presumptive *B. cereus* per gram or per milliliter of sample is calculated from the number of confirmed colonies obtained on plates at dilution levels chosen so as to give a significant result and confirmed according to the test specified.

Sample Weight Required: 25 g

Method Reference: ISO-7932:2004

Analytical Platform: Cultural method

Special Information: Results from the enumeration of presumptive *Bacillus cereus* is not intended to distinguish *B. cereus* from other closely related *Bacillus* spp such as *B. thuringiensis*, *B. mycoides*, *B. anthracis* and *B. weihenstephanensis*.

| Analyte Reported | Alias | Unit of Measure | Limit of Quantification | Reproducibility |
|---|-------|-----------------|-------------------------|-----------------|
| <i>B. cereus</i> Presumptive Result | | CFU/g | < 10 CFU/g | |
| <i>B. cereus</i> Presumptive Result | | CFU/mL | <1 CFU/mL | |