



NQAC

Nestlé Quality Assurance Center  
Dublin

# Technical Datasheet

**Analysis Name:** Enumeration of Presumptive *B.cereus* by RAPID'*B.cereus*

**Method Number:** LI-00.729

**Scope of Application:** This LI is applicable to a broad range of foods including raw materials, environmental samples, line and finished products samples. Pet food is also included in the scope. Water samples are excluded from the scope.

**Description:** A quantitative method for the enumeration of presumptive *Bacillus cereus*. Samples are weighed and pipetted onto RAPID'*B.cereus* chromogenic media. Incubated at 30°C for 24 hrs. Typical colonies develop a characteristic red color surrounded by an opaque halo. The media has been optimized to allow for the growth of all the pathogenic *Bacillus cereus* strains including *B. cytotoxicus*.

The method does not have a confirmation and the value of presumptive *B. cereus* per gram of the sample is calculated directly from the RAPID'*B.cereus* media.

## Sample Weight

**Required:** 25 g

**Method Reference:** AFNOR certificate BRD 07/26-03/19

**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	