



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*.



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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	
<i>B. cereus</i> Presumptive Result		CFU/swab	<10 CFU/swab (q- tip/stick) <100 CFU/swab (sponge)	