



COMPASS[®] *Bacillus cereus*

DETECTION AND ENUMERATION OF SPECIES BELONGING TO *BACILLUS CEREUS* GROUP
IN HUMAN AND ANIMAL FOOD PRODUCTS



RELIABLE

Validated method by AFNOR Certification according to NF EN ISO 16140-2

PERFORMANCE

- Excellent recovery of vegetative and spore forms
- Specific detection of *Bacillus cereus* including strains weak in, or negative for lecithinase production

EASY

Characteristic **GREEN** color colony and excellent inhibition of secondary flora

QUICK AND ECONOMIC

Detection and enumeration within 24 hours on 1 plate without confirmation



COMPASS® *Bacillus cereus*

COMPASS® *Bacillus cereus* method allows the detection and enumeration of presumptive *Bacillus cereus* in human and animal food products within 24 hours.



Validated by AFNOR Certification under the reference BKR 23/06-02/10



(x) g of sample + 9 (x) mL of diluent ¹

SURFACE INOCULATION

Transfer 0.1 mL onto pre-poured plates of **COMPASS® *Bacillus cereus* agar**

POUR PLATE INOCULATION

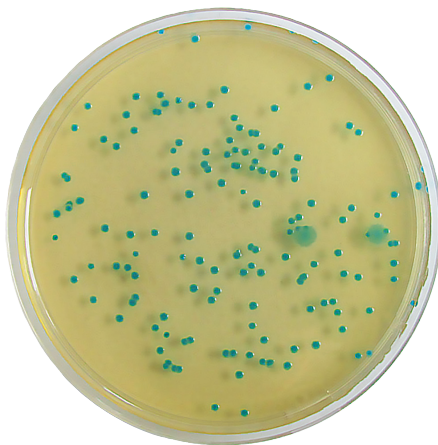
Transfer 1 mL to the bottom of empty sterile Petri dish and add approximately 15 mL of **COMPASS® *Bacillus cereus*** ² medium

Mix and let solidify

⌚ Incubation **24 h to 27 h** at **30 ± 1 °C**

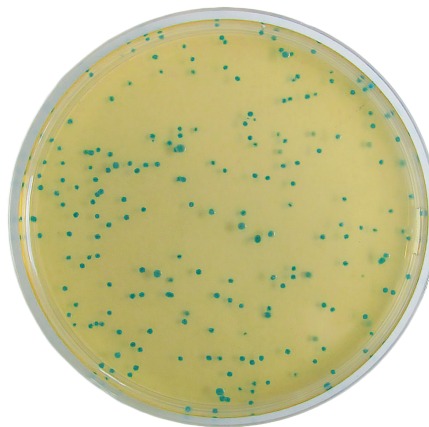
D +1

Reading and enumeration of characteristic colonies ³



Bacillus cereus

Characteristic colony : Green color with a diameter **≥ 1 mm**



Bacillus cereus

Characteristic colony : Green color with a diameter **≥ 0.5 mm**

To know

¹ BPW, Tryptone-salt or any other diluent recommended by the corresponding part of NF EN ISO 6887 standard.

² Prepare **COMPASS® *Bacillus cereus*** medium with a bottle of base and selective supplement.

³ Count Petri dishes containing less than 150 characteristic colonies.



NF EN ISO 7932 : 2005
- Horizontal method for the enumeration of presumptive *Bacillus cereus*

D+1/D+2

1 step
in 24 h

Confirmation

D+3

2 steps
in 42 h to 72 h

Please refer to the technical data sheet for more information.

Ordering information

COMPASS® *Bacillus cereus* Agar
BM12608 – 20 Petri dishes (Ø90mm)

COMPASS® *Bacillus cereus* Agar (base)
BM13008 – 10 vials of 100 mL
BK189HA – 500 g bottle

Selective supplement for COMPASS® *Bacillus cereus* Agar
BS06908 – 10 vials qsf 100 mL
BS08508 – 10 vials qsf 500 mL