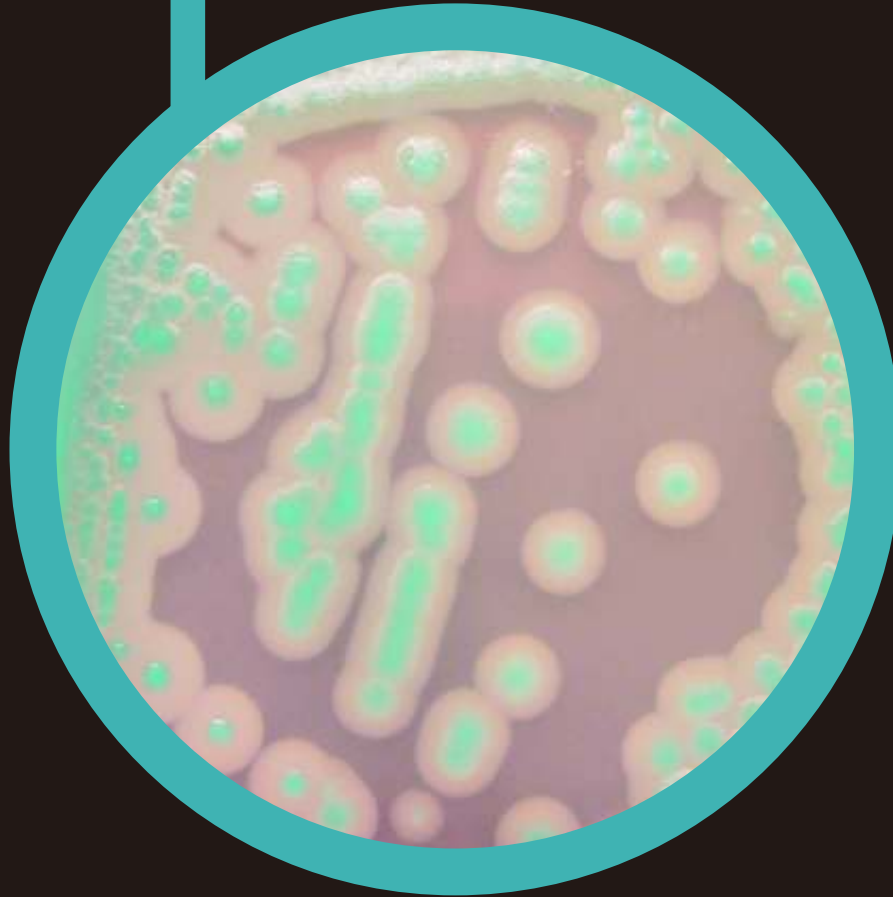


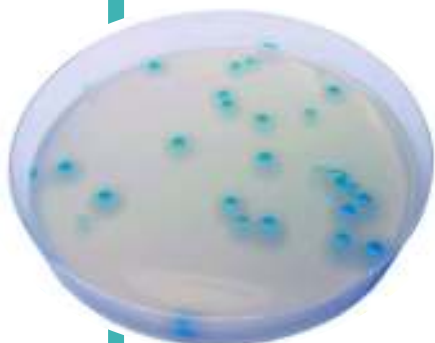
# ● CHROMagar™ B.cereus



For detection and enumeration  
of *Bacillus cereus* group

**CHR**  **Magar**  
The Chromogenic Media Pioneer





## Plate Reading

- *Bacillus cereus* group  
→ blue with white halo
- Other *Bacillus*  
→ blue, colourless, or inhibited
- Gram negative bacteria  
→ inhibited
- Yeast and moulds  
→ inhibited

## For detection and enumeration of *Bacillus cereus* group

### Background

*Bacillus cereus* is a spore-forming bacterium that can be frequently isolated from soil and some food and which produces toxins. These toxins can cause two types of illness: one type characterized by diarrhea (long incubation, 8-16 hours) and the other by nausea and vomiting (short incubation, 1-6 hours).

The short-incubation form is most often associated with rice dishes that have been cooked and then held at warm temperatures for several hours.

Long-incubation *B. cereus* food poisoning is frequently associated with meat or vegetable-containing foods, after cooking. The bacterium has been isolated from dried beans and cereals, and from dried foods such as spices, seasoning mixes and potatoes.

The short-incubation or emetic form of the disease is diagnosed by the isolation of *B. cereus* from the incriminated food. The long-incubation or diarrheal form is diagnosed by isolation of the organism from stool and food.

### Medium Performance

#### 1 EASY READING AFTER ONLY 24H

24h Incubation at 30°C.

The intense blue colored colonies on a translucent agar facilitates the reading compared to Mannitol based agar which displays red colonies on pink agar.

#### 2 SIMPLICITY

Contrary to MYP or Mossel agar, there is no need to add the Egg yolk emulsion.

#### 3 HIGHLY SENSITIVE & SPECIFIC FOR CEREUS GROUP

compared to MYP or Mossel agar.

The classical MYP or Mossel agar rely on the inability of *B.cereus* to utilise the mannitol, which renders the plate reading difficult in the presence of abundant flora. CHROMagar B.cereus, owe to the chromogenic technology, overcomes this difficulty.

#### 4 BETTER SELECTIVITY & RECOVERY COMPARED TO CLASSICAL MEDIA

compared to classical medium agar.

#### 5 LONGER PREPARED PLATE SHELF LIFE

compared to MYP and Mossel agar which are only 5 days shelflife.

### Medium Description

<b>Powder Base</b> CHROMagar B.cereus base	Total .....	33.3 g/L
	Agar .....	15.0
	Peptone and yeast extract .....	8.0
	NaCl .....	10.0
	Chromogenic mix .....	0.3
	Storage at 15/30°C - pH: 6.8 +/-0.2	
	Shelf Life .....	2 years
+ <b>CHROMagar                      B.cereus                      Supplement</b> (included in the pack)	Specific Powder supplement .....	3.0 g/L
	Storage at 2/8°C	
	Aspect: Powder Form	
	Shelf Life .....	2 years

Usual Samples	Food and environmental samples
Procedure	Direct Streaking. Incubation 18-24h at 30°C Aerobic conditions.

Scientific Publications on this product: available on [www.CHROMagar.com](http://www.CHROMagar.com)  
Please read carefully the instructions for use (IFU document) available on [www.CHROMagar.com](http://www.CHROMagar.com)

## Quality Control Strains

*B. cereus* ATCC®14579 ..... blue with white halo  
*B. subtilis* ATCC®23857 ..... inhibited  
*E. coli* ATCC®25922 ..... inhibited

ATCC® is a registered trademark of the American Type Culture Collection

## Order References

Please use these product references when contacting your local distributor:

5000 ml pack ..... BC732  
 (Product = base powder (B) + supplement (S))

Manufacturer: CHROMagar  
 4 place du 18 juin 1940 75006 Paris - France  
 Email: [CHROMagar@CHROMagar.com](mailto:CHROMagar@CHROMagar.com)  
 Website: [www.CHROMagar.com](http://www.CHROMagar.com)

Find your nearest distributor on  
[www.CHROMagar.com/contact](http://www.CHROMagar.com/contact)