

BACARA®

New chromogenic medium
for a high selective enumeration
of *Bacillus from cereus* group



**ISO 16140
VALIDATION**

High selectivity

- No background flora on the Petri dish
- No cross reaction
- Easy enumeration even with highly contaminated samples with background flora

High specificity

- Chromogenic medium utilising enzymatic activity principle
- Easy reading even with difficult matrices
- Possibility to enumerate *Bacillus cereus* on acid or become acid matrix

Easy protocol

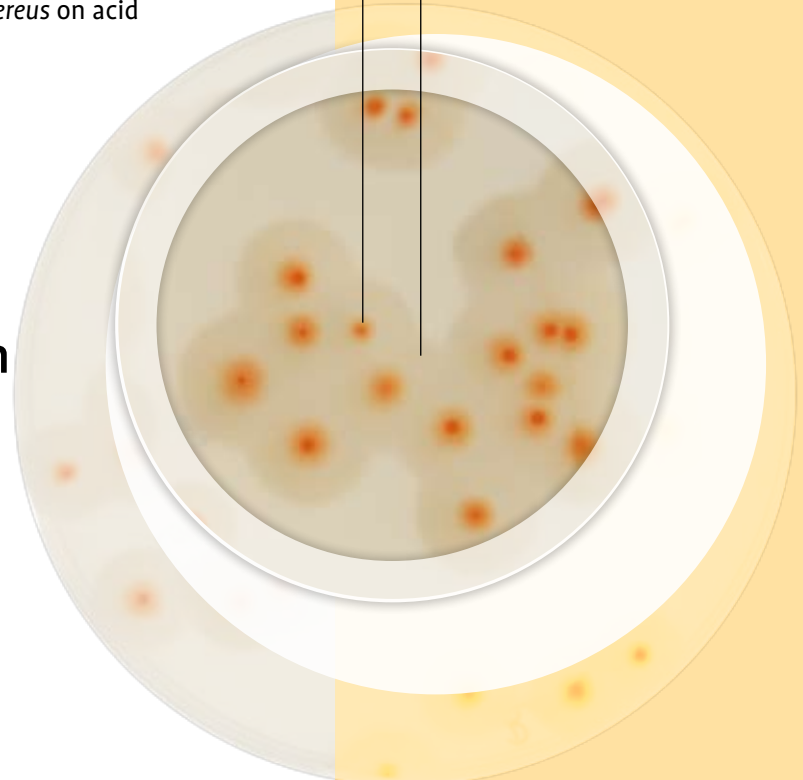
- Only 1 plate per dilution
- Results within 24h
- No confirmation

Low contamination detection

- Spread up to 1 ml on a single Ø 140 mm plate or pour plate

Pink/orange colouration

Opacification halo
(phospholipase activity)



BACARA®

● Sample dilution



● Spread plate

(only 1 plate/dilution):

- For a result < 100 CFU/g:
0,1 ml on Ø 90 mm BACARA® plate
- For a result < 10 CFU/g
1 ml on a Ø 140 mm BACARA® plate

● Pour plate

(only 1 plate/dilution):

- For a result < 10 CFU/g
1 ml in 18 ml BACARA® agar
47 °C ± 2 °C

● Incubation period:

24h ± 2h at 30 °C ± 1 °C



● Enumeration of typical colonies:

pink/orange colour + opacification halo

● No confirmation needed

Ordering
Information

> BACARA®

AEB520100: 20 plates Ø 90 mm
AEB120102: 10 plates Ø 140 mm
AEB620106: Bacara® Kit
(5 bottles 100 ml + suppl.)

> Buffered Peptone Water

AEB610304: 6 x 90 ml
AEB610308: 6 x 225 ml
AEB910303/4: 4 Dilubag® 3 liters
AEB910305/2: 2 Dilubag® 5 liters
AEB140302: 500g

> Tryptone sel

AEB611494: 6 x 90 ml
AEB611496: 6 x 225 ml
AEB911493/4: 4 Dilubag® 3 liters
AEB911495/2: 2 Dilubag® 5 liters
AEB141492: 500g



www.aeschemunex.com

AES CHEMUNEX France
(Headquarters)
Rue Maryse Bastié
Ker Lann CS17219
35172 Bruz cedex
Tel.: +33 (0) 2 2350 1212
Fax: +33 (0) 2 2350 1205
contact@aeschemunex.com

AES CHEMUNEX Canada
3885 Boulevard Industriel
Laval, Québec
H7L 4S3
Tel: 450 663 6724
Fax: 450 669 2784
info@aeschemunex.ca

AES CHEMUNEX Spain
Pol. Ind. Santa Margarida II
C/ Albert Einstein, 44
08223 TERRASSA (Barcelona)
Tel.: +34 (0) 93 785 36 27
Fax: +34 (0) 93 784 72 63
info@aeschemunex.es

AES CHEMUNEX, Inc USA
1 Corporate Drive
Cranbury NJ 08512
Tel.: +1 609 235 9272
Fax: +1 609 235 9298
info@aeschemunex.com

AES CHEMUNEX UK
Endeavour House
3rd floor • London
Stansted Airport
Essex • CM24 15J
Tel.: +44 (0)1279 666 356
Fax: +44 (0)1279 666 357
info@aeschemunex.co.uk

AES CHEMUNEX Germany
Wilhelmstraße 49
D-74918 Angelbachtal
Tel.: +49(0)7265 9179 10
Fax: +49(0)7265 9179 15
info@aeschemunex.de

AES CHEMUNEX Italy
Via Panà, 56/b
35027 NOVENTA PADOVANA
(PD)
Tel.: +39 049 87 05 804
Fax: +39 049 87 09 691
info@aeschemunex.it