

ICS 07.100.30
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SN

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 0176-2013

Replacing SN 0176-1992

**Determination of Bacillus cereus in foods for export
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 1970

Issued by: General Administration of Customs

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces SN 0176-1992 "food for export Bacillus cereus test methods." this standard compared with SN 0176-1992, the main technical changes are as follows.

--- Issued to "People's Republic of China State Administration of Quality Supervision, Inspection and Quarantine," standard name changed to "food for export waxy Bacillus detection method ";

--- Increase Preface;

--- "The main contents and scope" to "" and modify the contents of the "This standard specifies the export of food in the subject Bacillus cereus Test methods. This standard applies to foods Bacillus cereus test ";

--- Increase test flow chart;

--- Structural changes will SN 0176-1992 in two ways into the "First Law" and the "Second Law";

--- Increased dilution "of 0.85% saline";

--- The sampling of "50g" changed to "25g";

--- Increasing the count formula $N = \sum V \times 1.1 \times d$

--- The culture temperature is 30 °C to 30 °C ± 1 °C;

--- The test confirmed that the cultivation temperature from 30 °C to 36 °C ± 1 °C;

--- Increased API50CHB diagnostic test strips and VITEK automated microbial identification system;

--- "Supplement" to "normative appendix." this standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. Heilongjiang People's Republic of China Exit Inspection and

Quarantine.

1 Scope

This standard specifies the method for detection of food for export of *Bacillus cereus*.

This standard applies to foods *Bacillus cereus* detection.

2 Equipment and Materials

2.1

Drying Box. 180 °C.

2.2

Incubator. 30 °C ± 1 °C and 36 °C ± 1 °C.

2.3

anaerobic incubator. 36 °C ± 1 °C.

2.4

Water bath. 46 °C ± 1 °C.

2.5

pH meter. 25 °C measurement accuracy of ± 0.1pH units.

2.6

rotary mixer.

2.7

dish. diameter 90mm or 100mm or 140mm.

2.8

pipette. capacity 10.0mL and 1.0mL, 0.5mL and 0.1mL with scale.

2.9

microscope.

2.10

micropipette. capacity 10.0mL and 1.0mL, 0.1mL with scale.

2.11

homogenizer. slap or peristaltic type.

2.12

high-pressure steam sterilizer.

2.13

API50CHB or VITEK automated microbial identification system).

3 Media and reagents

3.1

mannitol yolk polymyxin agar (MYP). A A.1 in the appendix.

3.2

tryptone soy broth polymyxin (TSPB). See A.2.

3.3

Tryptone Soya sheep blood agar plates (TSSB). See A.3.

3.4

Phenol Red Dextrose Broth. see A.4.

3.5

Nitrate broth. see A.5.

3.6

Nutrient Agar. see A.6.

3.7

L- Tyrosine nutrient agar. see A.7.

3.8

lysozyme nutrient broth. see A.8.

3.9

Modified VP medium. see A.9.

1) Product name API50CHB and VITEK automated microbial identification system provided by the French company bioMérieux products. This information is given for the convenience of users of this standard does not imply endorsement of the product. If other equivalent product has the same effect, you can use these and other Efficient products.

3.10

Dynamic medium. see A.10.

3.11

phosphate buffer. see A.11.