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

SN/T 3632-2013

**Method on the detection of Alicyclobacillus spp.in fruit and
vegetable juices for Export
(English Translation)**

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Foreword

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

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

The standard by the China Inspection and Quarantine Science Research Institute, People's Republic of China Zhuhai Entry-People's Republic of China Shaanxi Exit Inspection and Quarantine, Jilin Province Product Quality Supervision and Inspection Institute, Beijing obo Star Biotechnology Co., Ltd. is responsible for drafting.

1 Scope

This standard specifies the juice of cyclic fatty acid bacillus (*Alicyclobacillus*spp.) Test method.

This section applies to fruit and vegetable juices cyclic fatty acid bacillus test.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

Laboratory use specifications and test methods GB/T 6682 Analysis GB/T 19495.2 technical requirements for GMO testing laboratories

3 Terms and Definitions

The following terms and definitions apply to this document.

Alicyclobacillus *Bacillus Alicyclobacillus*spp.

Alicyclobacillus is a group of heat-resistant Bacillus, Bacillus acidophilus rod-shaped, Gram-positive to the variable, its pH range 2.0 to 6.0 and a temperature of 45 °C when good growth.

4 Equipment and Materials

In addition to the microbiological laboratory conventional sterilization and cultivation equipment, other equipment and materials as follows.

4.1

Balance. a sense of the amount of 0.1g.

4.2

Refrigerator. 2 °C ~ 5 °C.

4.3

incubator. 45 °C ± 1 °C, 65 °C ± 1 °C.

4.4

constant temperature water bath. 80 °C ± 1 °C, 45 °C ± 1 °C.

4.5

phase contrast microscope. 10 x ~ 100 x.

4.6

sterile conical flask. 500mL, 250mL.

4.7

sterile petri dish. diameter of 90mm.

4.8

sterile pipette. 1mL (with 0.01mL scale), 10.0mL (with 0.1mL scale) or micro pipettes and tips.

4.9

pH meter or pH colorimetric tubes or precision pH test paper.

4.10

Membrane. Diameter 0.45µm.

4.11

a vortex mixer.

5 Medium and reagents

5.1

K Agar. see Appendix A.