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

SN/T 1376.1-2004

Isolation and identification of CBPP

牛传染性胸膜肺炎病原分离鉴定

(English Translation)

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Foreword

Appendix A of this standard is a normative appendix.

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

This standard was drafted. Sichuan Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China.

1 Scope

This standard specifies the isolation and identification methods for the pathogen of bovine infectious pleuropneumonia.

This standard applies to the isolation and identification of the pathogen of bovine infectious pleuropneumonia.

2 Normative references

The terms of the following documents are incorporated by reference in this standard into the terms of this standard. All dated references, followed by all the amendments (not including the contents of the errata) or the revised editions do not apply to this standard. However, studies that encourage parties to reach an agreement under this standard are no,

the latest version of these files can be used. For undated references, the latest edition applies to this standard.

GB/T 6682-1992 Analytical laboratory water specifications and test methods

3 Equipment

3.1

Sterilize the swab.

3.2

Constant temperature incubator.

3.3

Ordinary microscope.

3.4

Puncture needle and syringe.

3.5

Purify the workbench.

4 Medium

4.1

The test medium includes transport medium, 10% horse serum broth medium, 10% horse serum broth agar medium, ordinary 10% Horse serum broth agar medium, glucose biochemical medium, arginine biochemical medium and tetrazolium salt biochemical medium.

4.2

See Appendix A for the preparation method of the medium.

4.3

The experimental water should meet the secondary water standard in GB/T 6682-1992.

5.1 Sample collection of live cattle

Use a sterile swab to collect nasal secretions or take a sterile puncture with a syringe to take the pleural fluid.

5.2 Sample collection of dead cattle

Sterile lung disease tissue, lung lymph nodes, pleural fluid, and arthritis are taken as joint synovial fluid.

5.3 Transportation of samples

Samples that need to be transported over long distances should be placed in transport medium and delivered to the laboratory within 48 hours at 4 °C.

5.4 Storage of samples

If the collected sample cannot be sent to the laboratory immediately or the laboratory cannot immediately test it, the sample should be stored at -20 °C.

6.1 Sample processing

6.1.1

Contaminated samples. The material is ground in a broth containing 500 IU/mL penicillin and 1.7000 barium acetate, and diluted 10 times at 4 °C.

Overnight for vaccination.