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SN

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

SN/T 1239-2015

Replacing SN/T 1239-2003

Examination codes for cholera at frontier port

国境口岸霍乱检验规程

(English Translation)

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Foreword

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

Instead of the standard SN/T 1239-2003 "frontier port inspection of cholera." this standard with SN/T 1239-2003 compared to the main technical changes are as follows.

- Adjusted normative references;
- Clear test strain identified in the review of laboratory testing in 6.2;
- 7 report test results to modify the reporting;
- Adds automated microbial identification system in Annex A.1 biochemical equipment and materials, vibrio chromogenic medium;
- Reference SN/T 3064.1, Appendix A.3 processing samples of media content increases the processing of biological samples;
- Based WS289, a rapid increase in the secondary test method in Appendix A.4;
- Adjust the content section in Appendix A.5.2 of Appendix A.5.2.2 added vibrio chromogenic medium content, based on the main WS289 to increase the strain for the review Appendix A.6.5.3 biochemical test system;
- Appendix C is amended as normative appendix;
- Appendix C.2 polymerase chain reaction (PCR) method to measure the cholera toxin (CT) genes, according to SN/T 1872 increased by one pair ctxA primer complements the control settings and adjust some description;
- Deleted references and Appendix C of the original rabbit intestinal bowel ligation test test cholera toxin.

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

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

1 Scope

This standard specifies the objects cholera frontier port inspection, sample collection, testing procedures, and report the results of the disposal of a positive result.

This standard applies to the entry-exit inspection and quarantine authorities at border crossings for 01 groups and 0139 *Vibrio cholerae* 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.

GB 4789.1 National Food Safety Standard Food Microbiology General Inspection GB 4789.28 food standards and food science test reagent medium Microbial national security requirements GB 15984 cholera diagnostic criteria and principles GB 19489 General requirements for laboratory biosafety SN/T 1297 frontier port cholera epidemic monitoring procedures SN/T 1872 ports of entry *Vibrio cholerae* multiplex polymerase chain reaction procedures SN/T 1876 medical vectors specimen collection, production and preservation regulations SN/T 2332 frontier port PCR fluorescence detection of *Vibrio cholerae*

3 Terms and Definitions

Wu and surgery following definitions apply to this document.

Cholera

The standard refers to the group of 01 acute diarrheal diseases caused by *Vibrio cholerae* and 0139, it is the acute onset, spread fast, wide magnitude of serious harm the Group of infectious diseases.

4 Objects

4.1

cholera infected or suspected infections excrement, vomit.

4.2

contaminated by *Vibrio cholerae* *Vibrio cholerae* or suspected contaminated vehicles, baggage, cargo, containers, parcels, aquatic products, food, drink Water, ballast water, sewage, dining utensils, household items.

4.3

Other border crossings environmental samples, flies and cockroaches samples.

5.1.1 Stool sample collection

Collection of fresh large easy to discharge sterile container, watery stool collection 1mL ~ 3mL, forming stool collection 1g ~ 3g (to ensure the manure