Chinastandards.org

SN

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3431-2012

Detection and identification of Xanthomonas arboricola pv.celebensis (Gaumann) Vauterin et al.

香蕉坏死条纹病菌检疫鉴定方法

(English Translation)

Issued on: December 12, 2012 **Implemented on: July 1, 2013**

Issued by: General Administration of Customs

Preview: page 1 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3431-2012

Chinastandards.org

Table of Contents

Foreword

1 Scope

2 Normative references

3 Basic information of germs

5 Equipment and appliances

5.1 Equipment

5.2 Appliances

Foreword

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

Please note that some of the content of this document may involve patents. Distribution of this document Institutions do not assume the responsibility to identify these patents.

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

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

1 Scope

This standard specifies the method of entry-exit inspection and identification of phytosanitary necrosis in banana streak bacteria.

This standard applies to bananas fruit, seeds and other plant material in the host bacteria banana streak necrosis quarantine and identification.

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/T 4789.28-2003 Microbiological examination of food hygiene staining, media and reagents

Preview: page 2 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3431-2012

3 Basic information of germs

Name. Xanthomonasarboricola pv.celebensis (Gäumann1923) Vauterin, Hoste, Kersters Swings1995.

Synonyms. Xanthomonascampestrispv.celebensisDye1978 Xanthomonasaxonopodispv.celebensis Chinese name. tree health Xanthomonas pv willow English name. Bananaleafstripes Banana streak necrosis bacteria genus Prokaryotae Procaryotes, proteobacteria door Proteobacteria, gamma- Proteobacteria Gang Gamma-proteobacteria, yellow Aeromonas mesh Xanthomonadales, yellow Aeromonas Branch Xanthomonadaceae, yellow Xanthomonas Xanthomonas, Xanthomonas Shusheng Xanthomonasarboricola.

The germs spread mainly through contaminated seed distance, fresh fruit and diseased leaves of broken branches.

Principle 4

The disease symptoms, pathogen biological characteristics (see Appendix A), physiological and biochemical characteristics and pathogenicity test is the detection and identification of bacteria in accordance with.

5.1 Equipment

Electronic balance (0.001g), a stereoscopic microscope, clean benches, temperature incubator, Autoclave, Microbial Identification System, PCR, electrophoresis, UV detector or gel imaging systems, centrifuges, constant temperature water bath (30 °C ~ 95 °C), ultra-low temperature freezer, ordinary ice Box, water purifier, a vortex, adjustable micro pipettes and the like.

5.2 Appliances

Scalpel, knife, measuring beakers, petri dishes, flasks, centrifuge tubes, magnifying glass, surgical scissors, tweezers, ring vaccination.

Preview: page 3 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3431-2012