Chinastandards.org

SN

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# SN/T 3680-2013

## Detection and identification of Moniliophthora roreri (Ciferri et Parodi) Evans

可可链疫孢荚腐病菌检疫鉴定方法

**(English Translation)**

**Issued on: August 30, 2013** **Implemented on: March 1, 2014**

**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-3680-2013

Chinastandards.org

# Table of Contents

Foreword
1 Scope
2 Chain of cocoa pod rot pathogen Phytophthora sp Basic information
3 PRINCIPLE OF THE METHOD
4 Instruments and appliances
4.1 Instrument
4.2 Appliances
5 Reagents and culture medium
5.1 Reagents
5.2 Medium

## 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.

This standard was drafted. Tianjin People's Republic of China Entry-Exit Inspection and Quarantine Xiamen People's Republic of China Bureau, People's Republic of China Fujian Exit Inspection and Quarantine.

## 1 Scope

This standard specifies the chain of cocoa pod rot pathogen Phytophthora sp quarantine and identification methods.

This standard applies to the entry of cocoa seeds, cocoa seedlings quarantine and identification strand Phytophthora pod rot pathogen Alternaria.

## 2 Chain of cocoa pod rot pathogen Phytophthora sp Basic information

Scientific name. Moniliophthorararoreri (CiferrietParodi) Evans.

Synonyms. (. Cif) Crinipellisroreri HCEvans MoniliararoreriCiferri.

Chinese name. Chain cocoa pod rot pathogen Phytophthora sp English name. podrotofcacao frostypodrot Taxonomic position. Fungi (Fungi), Basidiomycota



Preview: page 2 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3680-2013

(Basidiomycota), Basidiomycetes (Basidiomycetes), Agaricales (Agari-cales), leather agaric Branch (Marasmiaceae), Moniliophthora spp. Germs additional information see Appendix A.

Transmission. Chain cocoa pod rot pathogen Phytophthora spores mainly through internal organization and seed pods surface adhesion of spores, hyphae over long distances, Bacteria may also infect plants, over long distances with seedlings.

## 3 PRINCIPLE OF THE METHOD

By isolation and culture of bacteria, according to the bacteria culture traits, the morphological characteristics of the cocoa chain Phytophthora pod rot pathogen spores were identified.

### 4.1 Instrument

Stereo microscope, biological microscope, clean benches, biological incubator, autoclave, the conventional refrigerator.

### 4.2 Appliances

Petri dishes (diameter 90mm ~ 100mm), filter, flask, forceps, surgical scissors, scalpel, alcohol lamp.

### 5.1 Reagents

1.0% sodium hypochlorite (NaClO4), penicillin, streptomycin, sterile water, alcohol, potato, dextrose, agar.

### 5.2 Medium

Potato dextrose medium (PDA), PDA selective medium (see Appendix B).



Preview: page 3 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3680-2013