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

SN/T 3451-2012

**Technical specifications of quality control for diagnostic
reagents in plant quarantine laboratory
(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.

1 Scope

This standard specifies the pest diagnostic reagents quality control requirements for phytosanitary laboratories, including general technical requirements, industry Requirements and special technical requirements.

This standard applies to all levels of quality control of plant quarantine laboratory diagnostic reagents.

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 27402 Phytosanitary laboratory quality control standards

3 Terms and Definitions

The following terms and definitions apply to this document.

Diagnostic reagents for plant quarantine pest detection and identification of chemical or biological products, including primer-antibodies, and molecular detection medium used Probes and special reagents.

Reference Laboratory Immigration and quarantine departments in charge of plants approved to undertake the development of reference materials, real evaluation of diagnostic reagents and identification of outbreaks review responsibilities Laboratory.

Health sample healthysample After testing to prove that the plant is healthy sample or test material.

Infected samples diseasedsample After testing proved itself is infected plant samples or test material.

Positive samples positivesample Tested for specific pathogen sample or test materials.

Negative samples negativesample Tested for the specific pathogen of plant samples or test material.