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**CERTIFICATION AND ACCREDITATION INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

RB/T 184-2017

**Laboratory proficiency testing technical requirements in the
field of plant quarantine
(English Translation)**

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Table of Contents

- Foreword
- Introduction
- 1 Scope
- 2 Normative references
- 3 Terms and definitions

Foreword

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

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

This standard was drafted. Beijing Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China, China National Accreditation Service for Conformity Assessment, Chinese Shanghai Entry-Exit Inspection and Quarantine Bureau of the Republic of China, Guangdong Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China, Chinese Academy of Agricultural Sciences, China Inspection Quarantine Science Research Institute.

Introduction

This standard is based on GB/T 27043-2012 "General Requirements for Verification of Conformity Assessment Capability", with reference to relevant international professional groups.

Weaving documents and fully incorporating the experience of relevant domestic laboratories.

This standard is intended to standardize, guide and assist the relevant laboratories to meet the requirements of GB/T 27043 and the proficiency testing in this field.

Claim.

In addition to GB/T 27043, other documents referred to in this standard include GB/T 28043-2011 "Using interlaboratory comparison capabilities" Validated Statistical Methods, SN/T 2966-2011 "Plant Quarantine Laboratory Capability Verification Specification", CNAS-GL03 "Capability Verification Samples Guidelines for the Evaluation of Uniformity and Stability and CNAS-RL02 "Capability Verification Rules".

Although this standard includes some of the current regulations and some safety-related contents applicable to the professional field, this standard does not as a basis for judging whether the laboratory meets relevant regulations and safety requirements.

Laboratory proficiency testing technology requires phytosanitary

1 Scope

This standard specifies the terms and definitions of laboratory proficiency testing in the field of phytosanitary, organization management, planning of plans, and mention of items.

Supply and results.

This standard is applicable to the specification of proficiency testing providers to organize proficiency testing activities in the field of phytosanitary, and also for accreditation machines.

Construct an evaluation of the proficiency testing provider.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 20478-2006 phytosanitary terminology GB/T 27043-2012 General requirements for conformity assessment GB/T 28043-2011 Statistical method for proficiency testing using inter-laboratory comparison

3 Terms and definitions

The following terms and definitions as defined in GB/T 27043-2012 apply to this document.

Test sample A physical material or product that is sent to the laboratory for proficiency testing.

Proficiency test item Samples, products, artifacts, reference materials/standard samples, equipment parts, measurement standards, data sets or other for proficiency testing information.

Proficiency test provider proficiencytestingprovider an organization responsible for all characters in the establishment and operation of a proficiency testing program.

Pathogen

A microorganism that causes disease.

[GB/T 20478-2006, definition 2.115] 3.5 Consistent consistency Pests identified as the same species (strain, or biotype) in the field of phytosanitary field verification, except for foreseeable individual changes Abnormally, its associated identifying features or characteristics are consistent.