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

SN/T 3590-2013

**Standard guide for accountability and quality control in the
chemical analysis laboratory
(English Translation)**

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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 Yantai Exit Inspection and Quarantine, People's Republic of China Shandong Entry-Exit Inspection and Quarantine Bureau.

1 Scope

This standard specifies the duties and chemical analysis laboratory chemical analysis quality control requirements.

This standard applies to engage in all kinds of Quality Supervision, Inspection and Quarantine of the duties and chemical analysis laboratory external quality control; in its His areas of chemical testing and similar work within the discipline can also refer to use.

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 8170 Revised figures indicate about the rules and limit values and judgment Common vocabulary of standardization and related activities. GB/T 20000.1 standardization Guide Part 1 GB/T 27025 testing and calibration laboratories General requirements GB/T 27407 laboratory quality control use performance statistics for quality assurance and control chart technical evaluation and analysis of the measurement system

3 Terms and Definitions

GB/T 27025, GB/T 20000.1 defined and the following terms and definitions apply to this document. If these criteria are given in the set Meaning there are differences with the following definition of precedence defined in this document.

Quality control to achieve the quality requirements of operational techniques and activities undertaken.

Internal quality control and the subsequent analysis and control necessary corrective activities related to continuous control laboratory prepared work plan.

Measurement accuracy accuracyofmeasurement Measurement results with the measured values of the true value of consistency between programs.

Detection test

In accordance with prescribed procedures, to determine the one or more characteristics of a given product is processed or the provision of technical services operation thereof.

Laboratory capacity laboratorycapability Chemical analytical laboratory for physical, environmental and information resources, as well as personnel, technology and expertise needed for the corresponding detection.

Analyte

Sample to be inspected or chemical detection.