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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3591-2013

Management guide of reference material in laboratory

实验室标准物质管理指南

(English Translation)

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Preview: page 1 of 3 shown, 5 in the full document. Complete English PDF, instant download:
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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions
4 Management Requirements
4.1 General Requirements

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. People's Republic of China Guangdong CIQ.

1 Scope

This standard specifies the criteria for substances in the laboratory inspection and quarantine procedures and requirements.

This standard applies to the inspection and quarantine within the calibration laboratory measuring devices, criteria for evaluating measurement methods or materials assigned to a material or substance Substance management. Standards for the preparation of pure metal material, chromatography reagents and internal control sample, also can refer to this standard management.

This standard does not apply to certain standards in the management of materials have special requirements. When a new laboratory method for design/development, there these provisions do not apply.

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 15000 standard for the work of GB/T 27025 testing and calibration laboratories General requirements ISO Guide 30 and reference material relating to the terms and

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definitions (Termsanddefinitionsusedinconnectionwithrefer-encematerials)

3 Terms and Definitions

GB/T 15000, GB/T 27025, ISO Guide 30 and defined by the following terms and definitions apply to this document.

Standard Substance referencematerial; RM Having one or more sufficiently homogeneous and well defined the characteristic values for calibration measurement apparatus or measurement methods to evaluate material assignment Material or substance.

Note: Standard material in different professions have different habits of view, such as. Reference material, standard gas, standard, spectrum rod (massive) standard, hardness standard blocks Plant and animal specimens, vaccine.

CRMs certifiedreferencematerial; CRM Standard substance accompanied by a certificate, which is one or more characteristic values established traceability procedures for the determination, so that it can be traced to the accurate reproduction of Represents the characteristic value of the unit of measurement for each characteristic values are given on the certificate with a given confidence level uncertainty.

4.1 General Requirements

4.1.1

The laboratory shall set up special management standard material. Standard Substance Management oversees the management, including the standard material purchase, inspection Collect, store, use, and end of life during the verification work.

4.1.2

The laboratory shall have procedures for safe handling, transport, storage and use of reference materials, to prevent contamination or damage, ensure its integrity.

Measures should be taken to prevent cross-contamination.

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