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

GB/T 15000.4-2026

Replacing GB/T 15000.4-2019

**Directives for the work of reference materials - Part 4: Contents
of certificates, labels and accompanying documentation**

标准样品工作导则 第4部分：证书、标签和附带文件的内容

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is Part 4 of GB/T 15000, "Guidelines for the Work of Standard Samples". GB/T 15000 has already published the following parts.

- Part 1: General provisions for standard samples in technical standards;
- Part 2: Common Terms and Definitions;
- Part 3: Standard Sample Assignment and Homogeneity and Stability Assessment;
- Part 4: Contents of Certificates, Labels, and Accompanying Documents;
- Part 5: Internal Development of Quality Control Samples;
- Part 6: General Rules for Packaging Standard Samples;
- Part 7: General Requirements for Standard Sample Producer Capabilities;
- Part 8: Use of Standard Samples;
- Part 9: Development of Qualitative Characteristic Standard Samples this document supersedes GB/T 15000.4-2019 "Guidelines for the Work of Standard Samples Part 4: Contents of Certificates, Labels and Accompanying Documents".

Compared with GB/T 15000.4-2019, apart from structural adjustments and editorial changes, the main technical changes are as follows.

- Added the term and definition of "operation-defined measurand" (see 3.7);
- Added terms and definitions for "research and development report" (see 3.8);

---The requirements for a product information table have been added, and the content of Table 1 has been modified accordingly (see 5.1, 2019 version 5.1);

---Added general requirements clauses (see 5.2, 5.3);

---A general clause has been added (see 5.4).

This document is equivalent to ISO 33401:2024, "Content of standard sample certificates, labels and accompanying documents".

The following minimal editorial changes have been made to this document.

---To harmonize with existing standards, the standard title has been changed to "Standard Sample Working Guidelines Part 4: Certificates, Labels and Accompanying Documents".

Contents;

---Translator's note added based on international and domestic standards (see 3.1);

---Added a note to the "Research and Development Report" (see 3.8).

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Technical Committee on Standard Samples (SAC/TC118).

Introduction

Standard samples are crucial for quality assurance in various measurement fields, used in a variety of measurement processes, including calibration, quality control, and proficiency testing.

Evidence and method confirmation.

Users of the standard sample obtain the information needed for correct use through the documents accompanying the standard sample. Therefore, the standard sample documents are required.

The content and format should be standardized.

In the technical system of standard samples, GB/T 15000 "Guidelines for Standard Sample Work" is the fundamental and general guideline for standard sample work in my country.

GB/T 15000 aims to establish universally applicable standards for the preparation, determination, packaging, storage, distribution, and application of standard samples by their manufacturers.

The requirements are as follows. It is proposed to consist of 9 parts.

---Part 1: General Provisions for Describing Standard Samples in Technical Standards. The

purpose is to specify the requirements for describing standard samples in the development of technical standards.

General requirements for standard samples, the relationship between standard samples and technical standards, and technical criteria for selecting standard samples.

---Part 2: Common Terms and Definitions. The purpose is to define the terms and definitions related to standard samples, particularly those used in standardization.

The terminology used in sample product manuals, certificates, and corresponding development reports.

---Part 3: Standard Sample Assignment and Homogeneity and Stability Assessment. The aim is to provide more specific guidance on technical issues.

It also provides a basic model for evaluating the homogeneity and stability of standard samples and for determining their values.

---Part 4: Contents of Certificates, Labels, and Accompanying Documents. The purpose is to establish the applicable procedures for preparing standard sample certificates, labels, and accompanying documents.

The relevant requirements to be followed when including file content.

---Part 5: Internal Development of Quality Control Samples. The purpose is to standardize and guide the development and use of quality control samples.

---Part 6: General Rules for Standard Sample Packaging. The purpose is to establish basic principles applicable to the packaging, storage, and transportation of standard samples.
rule.

---Part 7: General Requirements for Standard Sample Producer Capabilities. The purpose is to enable standard sample producers to produce samples that meet the required standards.

The organizational management and operational requirements are specified based on the standard samples sought.

---Part 8: Use of Standard Samples. This section aims to provide users of standard samples with proper application guidance.

---Part 9: Development of Qualitative Characteristic Standard Samples. The purpose is to study the assignment, homogeneity, and stability of qualitative characteristic standard samples.

Technical aspects such as the evaluation of interchangeability provide more specific guidance for the production of qualitative characteristic standard samples.

In this document, "development report" is a general term, not limited to the development of standard samples, but also applicable to the development of standard samples.