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ICS 03.120.20
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RB

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

RB/T 030-2020

Guidance of quantifying measurement uncertainty in chemical analysis

化学分析中测量不确定度评估指南

(English Translation)

Issued on: August 26, 2020 **Implemented on: December 1, 2020**

Issued by: National Certification and Accreditation Administration

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1 Foreword

RB/T 030-2020 was issued by National Certification and Accreditation Administration on 26 August 2020 and has been in force since 1 December 2020.

The RB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 97 pages in English translation.

2 Scope Preview

This standard provides general guidelines for evaluating and reporting measurement uncertainty in quantitative chemical analysis, including source analysis, model establishment, and Quantification of certainty and reporting of uncertainty. This standard applies to all accuracy levels and all measurement fields including daily analysis, basic research, empirical methods, etc.

RB/T 030-2020 falls under ICS 03.120.20, in the field of services and company organization.

This catalogue holds 220 other RB/T standards in that field.

In this catalogue, RB/T standards carry edition years from 2013 to 2026.

3 Normative references

GB/T 27418-2017 - Guide to the evaluation and expression of uncertainty in measurement

4 About this standard

Issued by: National Certification and Accreditation Administration

English translation: about 97 pages

Chinese original: about 102,146 characters

5 Related standards

Standards on related subjects:

RB/T 033-2020 - Guidance on verification and validation of microbiological testing methods

RB/T 031-2020 - Guidance on the selection, review and use of proficiency testing

RB/T 029-2020 - Guidelines for the Construction of Testing Laboratory Information Management System

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6 Classification and status

International classification (ICS): 03.120.20

Chinese Standard Classification (CCS): A 00

Prefix RB/T: recommended standard.

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