

ICS 03.120.30

CCS A41



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

GB/T 6379.2-2026

Replacing GB/T 6379.2-2004

**Accuracy (trueness and precision) of measurement methods and
results - Part 2: Basic method for the determination of repeatability and
reproducibility of a standard measurement method**

测量方法与结果的准确度（正确度与精密度） 第2部分：确定标准测量方法重复
性和再现性的基本方法

(English Translation)

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Foreword

GB/T 6379.2-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

This edition replaces GB/T 6379.2-2004.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Standardization Administration of China.

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1 Scope

Part 2 of the series on accuracy, meaning trueness and precision, of measurement methods and results, this standard gives the basic method for determining the repeatability and reproducibility of a standard measurement method. It adopts an international standard and replaces GB/T 6379.2-2004.

It is a statistical reference used when laboratories carry out collaborative studies to characterize how well a test method performs. Standards writers, method developers, quality managers, accredited laboratories and statisticians in testing and metrology are its main users.

Because it underlies precision statements found in many test method standards, the revision may matter to anyone who designs interlaboratory studies or interprets published precision data. The standard is a recommended national standard (GB/T). Laboratories serving Chinese clients can consult it to see how the national text frames this work. It becomes effective on 1 April 2027.