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STN P	**Kvalita vody Návod a požiadavky na navrhovanie medzilaboratórnej skúšky pre validáciu analytických metód (ISO/TS 7013: 2023)**	**STN P CEN ISO/TS 7013** 75 7304

Water quality - Guidance and requirements for designing an interlaboratory trial for validation of analytical methods (ISO/TS 7013:2023)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/25

Táto predbežná slovenská technická norma je určená na overenie. Prípadné pripomienky pošlite do júna 2027 Úradu pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky.

Obsahuje: CEN ISO/TS 7013:2025, ISO/TS 7013:2023

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TECHNICAL SPECIFICATION
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CEN ISO/TS 7013

June 2025

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English Version

Water quality - Guidance and requirements for designing an interlaboratory trial for validation of analytical methods (ISO/TS 7013:2023)

Qualité de l'eau - Lignes directrices et exigences pour la conception d'un essai interlaboratoire pour la validation des méthodes d'analyse (ISO/TS 7013:2023)

Wasserbeschaffenheit - Leitfaden und Anforderungen für die Gestaltung eines Ringversuchs zur Validierung von analytischen Verfahren (ISO/TS 7013:2023)

This Technical Specification (CEN/TS) was approved by CEN on 9 June 2025 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

The text of ISO/TS 7013:2023 has been prepared by Technical Committee ISO/TC 147 "Water quality" of the International Organization for Standardization (ISO) and has been taken over as CEN ISO/TS 7013:2025 by Technical Committee CEN/TC 230 “Water analysis” the secretariat of which is held by DIN.

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Endorsement notice

The text of ISO/TS 7013:2023 has been approved by CEN as CEN ISO/TS 7013:2025 without any modification.

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Water quality — Guidance and requirements for designing an interlaboratory trial for validation of analytical methods

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Foreword

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This document was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 2, *Physical, chemical and biochemical methods*.

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Introduction

The final validation step during standardization of an analytical method is the evaluation of performance through an interlaboratory trial to demonstrate that a new method is fit for purpose.

This document is intended to assist persons organizing interlaboratory trials to design and organize international interlaboratory comparisons for the validation of new standardized physical, chemical and biochemical methods for water analysis.

TECHNICAL SPECIFICATION ISO/TS 7013:2023(E)

Water quality — Guidance and requirements for designing an interlaboratory trial for validation of analytical methods

1 Scope

This document specifies requirements and recommendations for the design and execution of an interlaboratory comparison for validation of new standardized analytical methods in the field of water analysis, e.g. the number of participating laboratories and time schedules. This document is based on ISO 5725-1 and ISO 5725-2.

NOTE The scope of other standards in the field of interlaboratory comparison, such as ISO/IEC 17043[3] and ISO 13528[1], is proficiency testing of analytical laboratories and not interlaboratory comparison for the validation of analytical methods.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 5725-1, *Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions*

ISO 5725-2, *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*