



SLOVENSKI STANDARD SIST EN ISO 13164-4:2023

01-november-2023

Nadomešča:

SIST EN ISO 13164-4:2020

Kakovost vode - Radon Rn-222 - 4. del: Preskusna metoda s štetjem z dvofaznim tekočinskim scintilatorjem (ISO 13164-4:2023)

Water quality - Radon-222 - Part 4: Test method using two-phase liquid scintillation counting (ISO 13164-4:2023)

Wasserbeschaffenheit - Radon-222 - Teil 4: Verfahren mittels zweistufiger Flüssigszintillationszählung (ISO 13164-4:2023)

Qualité de l'eau - Radon 222 - Partie 4: Méthode d'essai par comptage des scintillations en milieu liquide à deux phases (ISO 13164-4:2023)

Ta slovenski standard je istoveten z: EN ISO 13164-4:2023

ICS:

13.060.60	Preiskava fizikalnih lastnosti vode	Examination of physical properties of water
17.240	Merjenje sevanja	Radiation measurements

SIST EN ISO 13164-4:2023

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EN ISO 13164-4

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ICS 13.060.60; 13.280; 17.240

Supersedes EN ISO 13164-4:2020

English Version

Water quality - Radon-222 - Part 4: Test method using two-phase liquid scintillation counting (ISO 13164- 4:2023)

Qualité de l'eau - Radon 222 - Partie 4: Méthode d'essai
par comptage des scintillations en milieu liquide à
deux phases (ISO 13164-4:2023)

This European Standard was approved by CEN on 12 June 2023.

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Contents	Page
European foreword.....	3

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European foreword

This document (EN ISO 13164-4:2023) has been prepared by Technical Committee ISO/TC 147 "Water quality" in collaboration with Technical Committee CEN/TC 230 "Water analysis" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2024, and conflicting national standards shall be withdrawn at the latest by January 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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INTERNATIONAL
STANDARD

ISO
13164-4

Second edition
2023-07

Water quality — Radon-222 —

**Part 4:
Test method using two-phase liquid
scintillation counting**

Qualité de l'eau — Radon 222 —

*Partie 4: Méthode d'essai par comptage des scintillations en milieu
liquide à deux phases*

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms, definitions and symbols	1
3.1 Terms and definitions.....	1
3.2 Symbols.....	2
4 Principle	3
5 Sampling	3
5.1 General.....	3
5.2 Sampling with source preparation “on site”.....	3
5.3 Sampling without “on site” source preparation.....	3
6 Reagents and apparatus	3
6.1 Reagents.....	3
6.2 Apparatus.....	4
7 Procedure	4
7.1 Preparation of calibration sources.....	4
7.2 Optimization of counting conditions.....	4
7.3 Detection efficiency.....	5
7.4 Blank sample preparation and measurement.....	5
7.5 Sample preparation and measurement.....	5
8 Quality assurance and quality control program	6
8.1 General.....	6
8.2 Variables that could influence the measurement.....	6
8.3 Instrument verification.....	6
8.4 Contamination.....	6
8.5 Interference control.....	7
8.6 Method verification.....	7
8.7 Demonstration of analyst capability.....	7
9 Expression of results	7
9.1 General.....	7
9.2 Count rate.....	7
9.3 Calculation of activity concentration per unit of mass.....	8
9.4 Combined uncertainty.....	8
9.5 Decision threshold.....	8
9.6 Detection limit.....	9
9.7 Probabilistically symmetric coverage interval.....	9
9.7.1 Limits of the probabilistically symmetric coverage interval.....	9
9.7.2 The shortest coverage interval.....	10
9.8 Calculations using the activity concentration.....	10
10 Test report	10
Annex A (informative) Set-up parameters and validation data	12
Bibliography	16

ISO 13164-4:2023(E)

Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 3, *Radioactivity measurements*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 230, *Water analysis*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 13164-4:2015), which has been technically revised.

The main changes are as follows:

- [3.2](#): index has been modified according to more recent standards;
- [Clause 8](#): a note has been added;
- [A.4.2](#): efficiency and repeatability data have been revised and updated;
- [A.4.2](#): subclause on reproducibility has been added.

A list of all the parts in the ISO 13164 series can be found on the ISO website.

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