SLOVENSKI STANDARD
SIST EN ISO 13165-3:2025

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Nadomešča:
SIST EN ISO 13165-3:2020

Kakovost vode - Radij Ra-226 - 3. del: Preskusna metoda s soobarjanjem in gama spektrometrijo (ISO 13165-3:2024)

Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-ray spectrometry (ISO 13165-3:2024)

Wasserbeschaffenheit - Radium-226 - Teil 3: Verfahren mittels Kopräzipitation und Gamma-Ray-Spektrometrie (ISO 13165-3:2024)

Qualité de l'eau - Radium-226 - Partie 3: Méthode d’essai par coprécipitation et spectrométrie gamma (ISO 13165-3:2024)

Ta slovenski standard je istoveten z: **EN ISO 13165-3:2024**

ICS:

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

SIST EN ISO 13165-3:2025 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 13165-3

December 2024

ICS 13.060.60; 17.240

Supersedes EN ISO 13165-3:2020

English Version

Water quality - Radium-226 - Part 3: Test method using coprecipitation and gamma-ray spectrometry (ISO 13165-3:2024)

Qualité de l'eau - Radium-226 - Partie 3: Méthode d'essai par coprécipitation et spectrométrie gamma (ISO 13165-3:2024)

Wasserbeschaffenheit - Radium-226 - Teil 3: Verfahren mittels Kopräzipitation und Gamma-Ray-Spektrometrie (ISO 13165-3:2024)

This European Standard was approved by CEN on 14 September 2024.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 13165-3:2024) 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of an identical text or by endorsement, at the latest by June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

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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Endorsement notice

The text of ISO 13165-3:2024 has been approved by CEN as EN ISO 13165-3:2024 without any modification.

International Standard

ISO 13165-3

Water quality — Radium-226 —

Part 3: Test method using coprecipitation and gamma-ray spectrometry

Qualité de l'eau — Radium-226 —

Partie 3: Méthode d'essai par coprécipitation et spectrométrie gamma

Second edition
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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 document 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 13165-3:2016), which has been technically revised.

The main changes are as follows:

— the introduction has been completely revised;

— the principal of measurement in Clause 5 has been expanded;

— the instrument verification subclause (formerly 9.3) has been deleted;

— formulae for the coverage intervals according to ISO 11929 series have been updated;

— requirements of the test report have been updated.

A list of all parts in the ISO 13165 series can be found on the ISO website.

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