

01-julij-2026**Nadomešča:
SIST EN ISO 22032:2009**

Kakovost vode - Določanje polibromiranih difenil etrov (PBDE) v sedimentu, suspendiranih trdnih delcih in bioti - Metoda s plinsko kromatografijo s tandemsko masno spektrometrijo (GC-MS/MS) ali masno spektrometrijo visoke ločljivosti (GC-HRMS) (ISO 22032:2026)

Water quality - Determination of polybrominated diphenyl ethers (PBDE) in sediment, suspended particulate matter and biota - Method using gas chromatography coupled with tandem mass spectrometry (GC-MS/MS) or with high resolution mass spectrometry (GC-HRMS) (ISO 22032:2026)

Wasserbeschaffenheit - Bestimmung von polybromierten Diphenylethern (PBDE) in Sedimenten, Schwebstoffen und Biota - Verfahren mittels Gaschromatographie gekoppelt mit Tandem Massenspektrometrie (GC-MS/MS) oder mit der hochauflösenden Massenspektrometrie (GC-HRMS) (ISO 22032:2026)

Qualité de l'eau - Dosage d'éthers diphényles polybromés (PBDE) dans les sédiments, les matières en suspension (particules) et le biote - Méthode par chromatographie en phase gazeuse couplée à la spectrométrie de masse en tandem (CG-SM/SM) ou à la spectrométrie de masse haute résolution (CG-SMHR) (ISO 22032:2026)

Ta slovenski standard je istoveten z: EN ISO 22032:2026

ICS:

13.060.50	Preiskava vode na kemične snovi	Examination of water for chemical substances
71.040.50	Fizikalnokemijske analitske metode	Physicochemical methods of analysis

SIST EN ISO 22032:2026**en,fr,de**

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EUROPEAN STANDARD

EN ISO 22032

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2026

ICS 13.060.50

Supersedes EN ISO 22032:2009

English Version

Water quality - Determination of polybrominated diphenyl ethers (PBDE) in sediment, suspended particulate matter and biota - Method using gas chromatography coupled with tandem mass spectrometry (GC-MS/MS) or with high resolution mass spectrometry (GC-HRMS) (ISO 22032:2026)

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European foreword

This document (EN ISO 22032:2026) 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of an identical text or by endorsement, at the latest by November 2026, and conflicting national standards shall be withdrawn at the latest by November 2026.

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**International
Standard**

ISO 22032

**Water quality — Determination of
polybrominated diphenyl ethers
(PBDE) in sediment, suspended
particulate matter and biota —
Method using gas chromatography
coupled with tandem mass
spectrometry (GC-MS/MS) or with
high resolution mass spectrometry
(GC-HRMS)**

*Qualité de l'eau — Dosage d'éthers diphényles polybromés
(PBDE) dans les sédiments, les matières en suspension
(particules) et le biote — Méthode par chromatographie en phase
gazeuse couplée à la spectrométrie de masse en tandem (CG-SM/
SM) ou à la spectrométrie de masse haute résolution (CG-SMHR)*

**Second edition
2026-05**

ISO 22032:2026(en)

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ISO 22032:2026(en)

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ISO 22032:2026(en)

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*, 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 22032:2006), which has been technically revised.

The main changes are as follows:

- the scope has been expanded to include biota;
- GC-MS/MS has been included as a detection method;
- a description of a clean-up set with manual and automated methods for sediment, for suspended particulate matter and biota has been included.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

ISO 22032:2026(en)**Introduction**

This document enables the analysis of polybrominated diphenyl ethers (PBDE) related to 91/271/EEC - the Urban Waste Water Treatment Directive, the European Union directive concerning the collection, treatment and discharge of urban waste water and the treatment and discharge of waste water from certain industrial sectors.

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