
Tla, obdelani biološki odpadki in blato - Določanje živega srebra - 2. del: Metoda atomske fluorescenčne spektrometrije s tehniko hladnih par (CV-AFS)

Soil, treated biowaste and sludge - Determination of mercury - Part 2: Cold-vapour atomic fluorescence spectrometry (CV-AFS)

Schlamm, behandelter Bioabfall und Boden - Bestimmung von Quecksilber - Teil 2: Kaltdampf-Atomfluoreszenzspektrometrie (CV-AFS)

Boues, biodéchets traités et sols - Détermination du mercure - Partie 2: Spectrométrie de fluorescence atomique de vapeur froide (SFA-VP)

Ta slovenski standard je istoveten z: prEN 16175-2

ICS:

13.030.20	Tekoči odpadki. Blato	Liquid wastes. Sludge
13.080.10	Kemijske značilnosti tal	Chemical characteristics of soils
71.040.50	Fizikalnokemijske analitske metode	Physicochemical methods of analysis

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 16175-2

September 2026

ICS 13.030.01

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English Version

**Soil, treated biowaste and sludge - Determination of
mercury - Part 2: Cold-vapour atomic fluorescence
spectrometry (CV-AFS)**

Sols, biodéchets traités et boues - Détermination du
mercure - Partie 2 : Spectrométrie de fluorescence
atomique à vapeur froide (SFA-VF)

Schlamm, behandelter Bioabfall und Boden -
Bestimmung von Quecksilber - Teil 2: Kaltdampf-
Atomfluoreszenzspektrometrie (CV-AFS)

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 444.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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European foreword

This document (prEN 16175-2:2026) has been prepared by Technical Committee CEN/TC 444 “Test methods for environmental characterization of solid matrices”, the secretariat of which is held by NEN.

This document is currently submitted to the-CEN Enquiry.

This document will supersede EN 16175-2:2016.

prEN 16175-2:2026 includes the following significant technical changes with respect to EN 16175-2:2016:

- EN 16174 (digestion with *aqua regia*) is replaced by EN ISO 54321.
- Calibration range and stabilization reagents are opened to customer belongings.
- Clause 6 Apparatus has been revised.

EN 16175, *Sludge, treated biowaste and soil — Determination of mercury* comprises the following parts:

- *Part 1: Cold-vapour atomic absorption spectrometry (CV-AAS);*
- *Part 2: Cold-vapour atomic fluorescence spectrometry (CV-AFS).*

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