



BSI Standards Publication

Soil, treated biowaste and sludge — Determination of adsorbed organically bound halogens (AOX)

National foreword

This British Standard is the UK implementation of EN 16166:2021. It supersedes BS EN 16166:2012, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EH/4, Soil quality.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Soil, treated biowaste and sludge - Determination of adsorbed organically bound halogens (AOX)

Boues, biodéchets traités, sols et sédiments -
Détermination des composés organiques halogénés
adsorbables (AOX)

Boden, behandelter Bioabfall und Schlamm -
Bestimmung von adsorbierten organisch gebundenen
Halogenen (AOX)

This European Standard was approved by CEN on 22 November 2021.

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Contents

	Page
European foreword	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Principle	5
5 Interferences	5
6 Reagents	6
7 Apparatus	7
7.1 Apparatus for combustion and detection	7
7.2 Equipment for adsorption	7
7.3 Equipment for sample preparation.....	7
8 Sample storage and pretreatment.....	8
8.1 Sampling and storage	8
8.2 Sample pretreatment	8
9 Procedure	8
9.1 General.....	8
9.2 Adsorption and inorganic halide removal.....	8
9.3 Combustion	9
9.4 Chlorine determination, preliminary tests and daily checks	9
9.5 Blank determination	10
10 Calculation.....	11
10.1 Mass concentration of adsorbed organically bound halogens [$\rho_{\text{Cl}}(\text{AOX})$] in dried sample.....	11
10.2 Expression of results	11
11 Precision	11
12 Test report.....	12
Annex A (informative) Repeatability and reproducibility data.....	13
A.1 Materials used in the interlaboratory comparison study	13
A.2 Interlaboratory comparison results.....	14
Annex B (informative) Storage of activated carbon	15
Bibliography	16

European foreword

This document (EN 16166:2021) has been prepared by Technical Committee CEN/TC 444 “Environmental characterization of solid matrices”, the secretariat of which is held by NEN.

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 2022, and conflicting national standards shall be withdrawn at the latest by June 2022.

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.

This document supersedes EN 16166:2012.

In comparison with the previous edition, the following technical modifications have been made:

- Calculation harmonized with EN ISO 9562;
- Initial check and daily check procedure harmonized with EN ISO 9562 and extended to include full measuring process.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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Introduction

This document is applicable and validated for several types of matrices as indicated in Table 1 (see also Annex A for the results of the validation).

NOTE This method can also be applied to other environmental solid matrices, provided the user has verified the applicability.

Table 1 — Matrices for which this document is applicable and validated

Matrix	Materials used for validation
Sludge	Municipal sludge
Compost	Fresh compost
	Compost
Soil	Sludge amended soil
	Agricultural soil

WARNING — Persons using this document should be familiar with usual laboratory practice. This document does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any national regulatory conditions.

IMPORTANT — It is absolutely essential that tests conducted according to this document be carried out by suitably trained staff.