



BSI Standards Publication

## Organic and organo-mineral fertilizers — Detection of specific pathogens

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## National foreword

This Published Document is the UK implementation of CEN/TS 17803:2022.

The UK participation in its preparation was entrusted to Technical Committee CII/37, Fertilisers and related chemicals.

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

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TECHNICAL SPECIFICATION  
SPÉCIFICATION TECHNIQUE  
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**CEN/TS 17803**

May 2022

ICS 65.080

English Version

**Organic and organo-mineral fertilizers - Detection of  
specific pathogens**

Engrais organiques et organo-minéraux - Recherche  
d'agents pathogènes spécifiques

Organische und organisch-mineralische Düngemittel -  
Nachweis spezifischer Pathogene

This Technical Specification (CEN/TS) was approved by CEN on 13 April 2022 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
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## **European foreword**

This document (CEN/TS 17803:2022) has been prepared by Technical Committee CEN/TC 260 “Fertilizers and liming materials” the secretariat of which is held by DIN.

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 has been prepared under a standardization request given to CEN by the European Commission and the European Free Trade Association.

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**

Regulation (EU) 2019/1009 [2] lays down the rules on the making available on the market of EU fertilizing products and the specific safety and quality requirements for the defined product function categories (PFCs). Organic and organo-mineral fertilizers have been classified as PFC 1(A) and PFC 1(B). Inorganic fertilizers have been classified as PFC 1(C).

In this document the normative references of the test methods to be used for organic and organo-mineral fertilizers are defined in order to measure the compliance with the related requirement in Regulation (EU) 2019/1009 [2].

## 1 Scope

This document is applicable to organic and organo-mineral fertilizers. It is relevant for fertilizing products which are classified as PFC 1(A) and PFC 1(B) as long as the main function of the EU fertilizing product is classified as PFC 1(A) and PFC1(B) of Regulation (EU) 2019/1009 [2].

This document specifies references to the methods for the:

- detection of *Enterococcaceae*;
- detection of *Salmonella* spp.;
- detection of *Escherichia coli*.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12944-1:1999,<sup>1</sup> *Fertilizers and liming materials - Vocabulary - Part 1: General terms*

EN 12944-2:1999,<sup>2</sup> *Fertilizers and liming materials - Vocabulary - Part 2: Terms relating to fertilizers*

CEN/TS 17804:2022, *Organic, organo-mineral and inorganic fertilizers — Detection of Enterococcaceae*

CEN/TS 17780:2022, *Organic, organo-mineral and inorganic fertilizers — Detection of Salmonella spp.*

CEN/TS 17781:2022, *Organic, organo-mineral and inorganic fertilizers — Detection of Escherichia coli*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12944-1:1999<sup>1</sup> and EN 12944-2:1999<sup>2</sup> apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

## 4 Sampling and sample preparation

Sampling and sample preparation should be performed carefully, following the principles described in EN 1482 (all parts), with appropriate adaptations, required to account for specificities of organic and organo-mineral fertilizers.

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<sup>1</sup> As impacted by EN 12944-1:1999/AC:2000.

<sup>2</sup> As impacted by EN 12944-1:1999/AC:2000.