

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.

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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.

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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 12944-1:1999,¹ *Fertilizers and liming materials - Vocabulary - Part 1: General terms*

EN 12944-2:1999,² *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 12944-1:1999¹ and EN 12944-2:1999² 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.

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

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