

English Version

Organic and organo-mineral fertilizers - Determination of specific parameters

Engrais organiques et organo-minéraux -
Détermination des paramètres spécifiques

Organische und organisch-mineralische Düngemittel -
Bestimmung spezifischer Parameter

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

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Contents		Page
European foreword		3
Introduction		4
1	Scope.....	5
2	Normative references.....	5
3	Terms and definitions.....	5
4	Sampling and sample preparation	5
5	Requirements.....	6
5.1	Introduction.....	6
5.2	Total organic carbon.....	6
5.3	Dry matter	6
Bibliography		7

European foreword

This document (CEN/TS 17772:2022) 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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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).

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 the Regulation (EU) 2019/1009 [2].

1 Scope

This document specifies references to the methods for the:

- Determination of the total organic carbon content;
- Determination of the dry matter content.

This document is applicable to fertilizing products, which are classified as PFC 1(A) and PFC 1(B) or the PFC 1(A) and PFC 1(B) component in PFC 7 of Regulation (EU) 2019/1009 [2].

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 12944-1:1999¹, *Fertilizers and liming materials — Vocabulary — Part 1: General terms*

EN 12944-2:1999², *Fertilizers and liming materials — Vocabulary — Part 2: Terms relating to fertilizers*

CEN/TS 17773:2022, *Organic and organo-mineral fertilizers — Determination of the dry matter content*

CEN/TS 17776:2022, *Organic and organo-mineral fertilizers — Determination of total organic carbon (TOC) content by dry combustion*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12944-1:1999 and EN 12944-2:1999 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 should be performed carefully, following the principle 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 12944-2:1999/AC:2000.