



SLOVENSKI STANDARD
SIST-TS CEN/TS 17772:2023

01-februar-2023

Organska in organsko-mineralna gnojila - Določanje specifičnih parametrov

Organic and organo-mineral fertilizers - Determination of specific parameters

Organische und organisch-mineralische Düngemittel - Bestimmung spezifischer Parameter

Engrais organiques et organo-minéraux - Détermination des paramètres spécifiques

Ta slovenski standard je istoveten z: CEN/TS 17772:2022

ICS:

65.080 Gnojila Fertilizers

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TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN/TS 17772

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ICS 65.080

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.

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.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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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.

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.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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CEN/TS 17772:2022 (E)**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].

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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.