



**SLOVENSKI STANDARD**  
**SIST-TS CEN/TS 17756:2023**

**01-februar-2023**

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**Organska, organsko-mineralna in anorganska gnojila ter sredstva za apnjenje -  
Določevanje klorida**

Organic fertilizers, organo-mineral fertilizers, inorganic fertilizers and liming materials -  
Determination of the chloride content

Organische Düngemittel, organisch-mineralische Düngemittel, anorganische Düngemittel  
und Kalkdünger - Bestimmung des Chloridgehaltes

Engrais organiques, engrais organo-minéraux, engrais inorganiques et amendements  
minéraux basiques - Détermination de la teneur en chlorures

**Ta slovenski standard je istoveten z: CEN/TS 17756:2022**

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**ICS:**

65.080                      Gnojila                                      Fertilizers

**SIST-TS CEN/TS 17756:2023                                      en,fr,de**



TECHNICAL SPECIFICATION  
SPÉCIFICATION TECHNIQUE  
TECHNISCHE SPEZIFIKATION

**CEN/TS 17756**

April 2022

ICS 65.080

English Version

**Organic fertilizers, organo-mineral fertilizers, inorganic fertilizers and liming materials - Determination of the chloride content**

Engrais organiques, engrais organo-minéraux, engrais inorganiques et amendements minéraux basiques - Détermination de la teneur en chlorures

Organische Düngemittel, organisch-mineralische Düngemittel, anorganische Düngemittel und Kalkdünger - Bestimmung des Chloridgehaltes

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  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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<b>Contents</b>	<b>Page</b>
<b>European foreword</b> .....	<b>3</b>
<b>Introduction</b> .....	<b>4</b>
<b>1 Scope</b> .....	<b>5</b>
<b>2 Normative references</b> .....	<b>5</b>
<b>3 Terms and definitions</b> .....	<b>5</b>
<b>4 Sampling and sample preparation</b> .....	<b>6</b>
<b>4.1 Sampling</b> .....	<b>6</b>
<b>4.2 Sample preparation</b> .....	<b>6</b>
<b>5 Determination of chloride content</b> .....	<b>6</b>
<b>Bibliography</b> .....	<b>7</b>

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[SIST-TS CEN/TS 17756:2023](https://standards.iteh.ai/catalog/standards/sist/fb9adf5b-20ed-466a-bb00-5883626c2b75/sist-ts-cen-ts-17756-2023)

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## European foreword

This document (CEN/TS 17756:2022) 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 17756:2022 (E)**

## **Introduction**

Regulation (EU) 2019/1009 [1] 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).

The specific safety and quality requirements in relation to the determination of chloride content in organic fertilizers, organo-mineral fertilizers, inorganic fertilizers and liming materials are defined in this document as well as normative references of the test methods to be used in order to measure the compliance with the related requirement in the Regulation (EU) 2019/1009 [1].

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## 1 Scope

This document specifies references to a method for the determination of the chloride content in organic fertilizers, organo-mineral fertilizers, inorganic fertilizers and liming materials.

This document is applicable to EU fertilizing products classified as PFC 1, PFC 2 and PFC 7 as long as the blend only consists of EU fertilizing products classified as PFC 1, PFC 2 and PFC 5 as specified in the Regulation (EU) 2019/1009 [1].

## 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 1482-1:2007, *Fertilizers and liming materials — Sampling and sample preparation — Part 1: Sampling*

EN 1482-2:2007, *Fertilizers and liming materials — Sampling and sample preparation — Part 2: Sample preparation*

EN 1482-3:2016, *Fertilizers and liming materials — Sampling and sample preparation — Part 3: Sampling of static heaps*

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*

EN 12944-3:2019, *Fertilizers and liming materials — Vocabulary — Part 3: Terms relating to liming materials*

EN 16195:2012, *Fertilizers — Determination of chlorides in the absence of organic material*

CEN/TS 17758:2022, *Fertilizers and liming materials — Determination of the chloride content by potentiometric titration*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12944-1:1999, EN 12944-2:1999 and EN 12944-3:2019 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>

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

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