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Standards

Irish Standard Recommendation  
S.R. CEN/TS 17755:2022

# Inorganic fertilizers - Determination of specific parameters

**S.R. CEN/TS 17755:2022**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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## National Foreword

S.R. CEN/TS 17755:2022 is the adopted Irish version of the European Document CEN/TS 17755:2022, Inorganic fertilizers - Determination of specific parameters

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**TECHNICAL SPECIFICATION**  
**SPÉCIFICATION TECHNIQUE**  
**TECHNISCHE SPEZIFIKATION**

**CEN/TS 17755**

April 2022

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English Version

**Inorganic fertilizers - Determination of specific parameters**

Engrais inorganiques - Détermination des paramètres  
spécifiques

Anorganische 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.

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## **European foreword**

This document (CEN/TS 17755:2022) 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.

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## **CEN/TS 17755:2022 (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). Inorganic fertilizers have been classified into PFC 1(C).

The specific safety and quality requirements in relation to the specific parameters 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].



## 1 Scope

This document specifies a reference to the method for the determination of the granulometry.

This document is applicable to solid inorganic macronutrient fertilizers classified as PFC 1(C)(I)(a) and PFC 7 as long as the blend only consists of EU fertilizing products classified as PFC 1(C)(I)(a) 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 1235:1995, *Solid fertilizers — Test sieving (ISO 8397:1988 modified)*

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 15924:2011, *Fertilizers — Determination of the fineness of grinding of soft natural phosphates*

## 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

### 4.1 Sampling

Samples taken for quality control purposes shall be representative, as described in EN 1482-1:2007. Sampling of static heaps shall be performed according to EN 1482-3:2016.

### 4.2 Sample preparation

The sample preparation for quality control purposes shall be performed according to EN 1482-2:2007.

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

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

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