



BSI Standards Publication

Inorganic fertilizers — Determination of specific parameters

National foreword

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The UK participation in its preparation was entrusted to Technical Committee CII/37, Fertilisers and related chemicals.

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ICS 65.080

English Version

Inorganic fertilizers - Determination of specific parameters

Engrais inorganiques - Détermination
des paramètres spécifiques

Anorganische Düngemittel - Bestimmung
spezifischer Parameter

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Contents

Page

European foreword	iii
Introduction	iv
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Sampling and sample preparation	5
4.1 Sampling	5
4.2 Sample preparation	5
5 Determination	6
Bibliography	7

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.

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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 12944-1:1999,¹⁾ *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*

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.

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

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