Irish Standard Recommendation
S.R. CEN/TS 17754:2022

Inorganic fertilizers - Determination of specific micronutrients

S.R. CEN/TS 17754:2022

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

S.R. CEN/TS 17754:2022 is the adopted Irish version of the European Document CEN/TS 17754:2022, Inorganic fertilizers - Determination of specific micronutrients

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TECHNICAL SPECIFICATION

SPÉCIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

CEN/TS 17754

April 2022

ICS 65.080

English Version

Inorganic fertilizers - Determination of specific micronutrients

Engrais inorganiques - Détermination des oligo-éléments spécifiques

Anorganische Düngemittel - Bestimmung spezifischer Spurennährstoffe

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

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European foreword

This document (CEN/TS 17754:2022) 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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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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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). Inorganic fertilizers have been classified into PFC 1(C).

The specific safety and quality requirements in relation to the following specific micronutrients 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 [2].

1 Scope

This document specifies references to methods for the determination of the content of the following specific micronutrients in inorganic fertilizers:

— the total boron content;

— the total cobalt content;

— the total copper and zinc content;

— the total iron content;

— the total manganese content;

— total molybdenum content;

— the water-soluble boron content;

— the water-soluble cobalt content;

— the water-soluble copper content;

— the water-soluble iron content;

— the water-soluble manganese content;

— the water-soluble molybdenum content;

— the water-soluble zinc content;

— the sum of declared micronutrients in compound micronutrient fertilizers.

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

An overview of the references to methods for the determination of the specific micronutrients is given in Table 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*