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Fluid fertilizers — Preliminary visual examination and preparation of samples for physical testing

Engrais liquides — Examen visuel préliminaire et préparation des échantillons pour essais physiques

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Foreword

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This document was prepared by Technical Committee ISO/TC 134, *Fertilizers, soil conditioners and beneficial substances*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 260, *Fertilizers and liming materials*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 10249:1996), of which it constitutes a minor revision. The changes are as follows:

— substitution of ISO 8358 by ISO 14820-2 in Bibliography;

— editorial changes to align this document to the current ISO/IEC Directives Part 2.

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Fluid fertilizers — Preliminary visual examination and preparation of samples for physical testing

1 Scope

This document specifies both a procedure for preliminary examination of a single sample as received for testing, and a procedure for preparing a test sample by blending and reduction of a series of samples representative of a consignment or a bulk delivery of fluid fertilizer.

NOTE This document complements the corresponding standard for solid fertilizers (ISO 14820-2).

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

4 Preparation of test sample

4.1 General

The physical examination and any physical tests of fluid fertilizers shall be made as soon as possible after sampling because of their sensitivity to both time and temperature.

4.2 Condition of the container

Any defects in the laboratory sample container or any visible leakage shall be recorded. If it is possible that the contents have been affected, the sample shall be rejected.

4.3 Opening of the container

All packing materials (e.g. sawdust) and other debris shall be removed from the outer surface of the container, particularly around the closure. The container shall be opened carefully so as not to disturb the contents. The examination shall be carried out as rapidly as possible so as to minimize possible evaporation losses.

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