

Liming materials — Determination of calcium content and magnesium content — Complexometric method

The European Standard EN 12946:1999 has the status of a
British Standard

ICS 65.080

National foreword

This British Standard is the official English language version of EN 12946:1999, including Corrigendum February 2002.

The UK participation in its preparation was entrusted to Technical Committee CII/37, Fertilizers and related chemicals, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

The United Kingdom did not support this standard at the CEN Enquiry stage and voted against its acceptance at the Formal Vote stage. The principal UK objections were as follows.

- a) The technique described is unsuitable for a standard reference method because the end-points are difficult to detect and only highly skilled analysts with regular practice can carry out the determination.
- b) The method has very limited applicability.
- c) A more suitable technique for determination of calcium content, the calcium oxalate titrimetric method is described in prEN 13475 (currently in course of preparation) while the determination of magnesium content is covered by the method described in EN 12947.
- d) The precision data quoted for this method is incomplete and highly suspect.

Cross-references

The British Standards which implement international publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 9 and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments
13810 corrigendum	1 July 2002	Addition to clause 3

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English version

Liming materials — Determination of calcium content and magnesium content — Complexometric method

Amendements calciques et/ou magnésiens —
Détermination de la teneur en calcium et de la teneur
en magnésium — Méthode par complexométrie

Calcium-Magnesium-Bodenverbesserungsmittel —
Bestimmung des Calcium- und
Magnesiumgehaltes — Komplexometrisches
Verfahren

This European Standard was approved by CEN on 13 November 1999.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 260, Fertilizers and liming materials, the Secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2000, and conflicting national standards shall be withdrawn at the latest by July 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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