Liming materials - Determination of the breakdown of granulated calcium and calcium/magnesium carbonates under the influence of water

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NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 15704:2009 sisaldab Euroopa standardi EN 15704:2008 ingliskeelset teksti.	This Estonian standard EVS-EN 15704:2009 consists of the English text of the European standard EN 15704:2008.
Standard on kinnitatud Eesti Standardikeskuse 29.01.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This standard is ratified with the order of Estonian Centre for Standardisation dated 29.01.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 17.12.2008.	Date of Availability of the European standard text 17.12.2008.
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English Version

Liming materials - Determination of the breakdown of granulated calcium and calcium/magnesium carbonates under the influence of water

Amendements minéraux basiques - Détermination du délitage à l'eau de carbonates de calcium et carbonates de calcium/magnésium granulés

Calcium-/Magnesium-Bodenverbesserungsmittel - Bestimmung des Zerfalls von granulierten Calcium- und Calcium-/Magnesiumcarbonaten unter Wassereinwirkung

This European Standard was approved by CEN on 15 November 2008.

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Foreword

This document (EN 15704:2008) has been prepared by Technical Committee CEN/TC 260 “Fertilizers and liming materials”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by June 2009, and conflicting national standards shall be withdrawn at the latest by June 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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1 Scope

This European Standard specifies a method for the determination of the break down of granulated calcium and calcium /magnesium carbonates under the influence of water.

2 Normative references

The following referenced documents are indispensable for the application 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 1482-2, *Fertilizers and liming materials — Sampling and sample preparation — Part 2: Sample preparation*

EN 12048, *Solid fertilizers and liming materials — Determination of moisture content — Gravimetric method by drying at (105+/-2)° C (ISO 8190:1992 modified)*

EN 12944-1:1999, *Fertilizers and liming materials — Vocabulary — Part 1: General terms*

EN 12944-2:1999, *Fertilizers and liming materials — Vocabulary — Part 2: Terms relating to fertilizers*

EN 12944-3:2001, *Fertilizers and liming materials — Vocabulary — Part 3: Terms relating to liming materials*

EN 12948, *Liming materials — Determination of size distribution by dry and wet sieving*

EN ISO 3696:1995, *Water for analytical laboratory use — Specification and test methods (ISO 3696:1987)*

ISO 3310-1, *Test sieves — Technical requirements and testing — Part 1: Test sieves of metal wire cloth*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12944-1:1999, EN 12944-2:1999 and EN 12944-3:2001 apply.

4 Principle

The sample is added to water. The mixture is stirred and then screened through a series of test sieves.

NOTE The method is based upon a method described in the German Methods manual II (1985) [1].