

STN	Priemyselné a vápenaté hnojivá Stanovenie ortuti generáciou pár po rozpustení v lúčavke kráľovskej	STN EN 16320+A1 65 4913
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Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/17

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 16320:2013+A1

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English Version

**Fertilizers and liming materials - Determination of
mercury by vapour generation (VG) after aqua regia
dissolution**

Engrais et amendements minéraux basiques -
Détermination du mercure par génération de vapeur
(VG) après digestion à l'eau régale

Düngemittel und Kalkdünger - Bestimmung von
Quecksilber mit Verdampfungs-technik (VG) nach
Königswasseraufschluss

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 16320:2013+A1:2017) 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of an identical text or by endorsement, at the latest by August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

This document includes Amendment 1 approved by CEN on 11 December 2016.

This document supersedes  EN 16320:2013 .

The start and finish of text introduced or altered by amendment is indicated in the text by tags  .

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1 Scope

This European Standard specifies a method for the determination of the content of mercury in fertilizers ^{A1} and liming materials ^{A1} after extraction with aqua regia and the detection of mercury by vapour generation (VG) coupled to an atomic absorption spectrometer or an inductively coupled plasma-atomic emission spectrometer. A limit of quantification of 0,01 mg/kg is to be expected.

^{A1} NOTE The term fertilizer is used throughout the body of this European Standard and includes liming materials unless otherwise indicated. ^{A1}

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 12944-1:1999, *Fertilizers and liming materials and soil improvers - Vocabulary - Part 1: General terms*

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

^{A1} EN 12944-3:2001, *Fertilizers and liming materials and soil improvers — Vocabulary — Part 3: Terms relating to liming materials* ^{A1}

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

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