

SLOVENSKI STANDARD oSIST prEN 15934:2009

01-julij-2009

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Soil, sludge, waste, and treated biowaste - Determination of dry matter - Gravimetric method

Schlamm, Boden, Abfall und behandelter Bioabfall - Bestimmung der Trockenmasse -Gravimetrisches Verfahren

Sol, boue et biodéchet traité - Détermination de la teneur pondérale en matière sèche -Méthode gravimétrique

Ta slovenski standard je istoveten z: prEN 15934

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ICS:

13.030.01 Odpadki na splošno

Wastes in general

oSIST prEN 15934:2009

en,fr,de



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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

DRAFT prEN 15934

April 2009

ICS

English Version

Soil, sludge, waste, and treated biowaste - Determination of dry matter - Gravimetric method

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/SS S99.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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Foreword

This document (prEN 15934:2009) has been prepared by Technical Committee CEN/SS S99 "Health, environment and medical equipment - Undetermined", the secretariat of which is held by CMC.

The document is currently submitted to the CEN Enquiry.

This draft standard has been prepared by the European project «Horizontal » and presented to CEN/TC BTTF 151 "Horizontal Standards in the Fields of Sludge, Biowaste, and Soil", the secretariat of which is held by DS. Standardisation is carried out under mandate M330 given to CEN by the European Commission, and supports essential requirements of EU Directive(s).

The standard is part of a modular horizontal approach in which this standard belongs to the analytical step.

The results of the desk study as well as the evaluation and validation studies have been subject to discussions with all parties concerned in the CEN structure during the development by project Horizontal. The results of these consultations with interested parties in the CEN structure have been presented to and discussed in CEN BT/TF 151.

Based on data from interlaboratory studies and consultations with interested parties within CEN member bodies, it has been concluded that the draft standard is acceptable for its intended use and is ready for the CEN enquiry. The matrix "waste" was included during the entire process of development of the draft standard and is according to a resolution by TC 292 in 2008 included in the scope of the standard.

It is recognized that standardization in the environmental field in most national standardization bodies is organized in national standardization committees that mirror the vertical structure of technical committees in the environmental field in CEN. The present CEN enquiry therefore asks for a special attention by the NSBs to assure that the relevant and interested parties are consulted during the CEN enquiry, i.e. to assure that one single consolidated enquiry reply on the draft standard can be presented by the NSB that covers the entire scope of the draft standard.

The standard is applicable and validated for several types of matrices as indicated below:

Material	Validated for	Reference:
	(type of sample, e.g. municipal sludge, compost)	
Sludge	Eight sludge samples	EN 12880:2000, Annex
	Municipal sludge, North Rhine Westphalia	Horizontal Project Interlab comp.
Soil	Soil samples	ISO 11465:1993
	Sludge amended soil, Barcelona	Horizontal Project Interlab comp.
Biowaste	Fresh compost, Vienna	Horizontal Project Interlab comp.
Waste	Contaminated soil, dredged sludge, nickel sludge	EN 14346:2006

Introduction

This draft standard is one of a number of draft standards developed and validated in the European project 'Horizontal' financed by the EU commission and EU member states. The project "Horizontal" was conducted by a European Consortium under the management by ECN, The Netherlands. This draft standard was presented by the project Horizontal to CEN/BT TF 151 in June 2008 with a view to be formally adopted as European Standard under CEN rules.

The standardisation by CEN is carried out on a mandate by the European Commission (Mandate M/330). The mandate considers standards on sampling and analytical methods for hygienic and biological parameters as well as inorganic and organic determinants. It was the aim of the initiative to develop standards that are suitable for a wide range of environmental materials and lead to equivalent results as far as this is technically feasible.

Until now test methods determining properties of materials within the environmental area were prepared in Technical Committees (TCs) working on specific products/matrices (soil, waste, sludge etc). However, it is recognized that many steps in test procedures can be used in test procedures for other products/matrices. By careful determination of these steps and selection of specific questions within these steps, elements of the test procedure can be described in a way that can be used for more matrices and materials with certain specifications. This optimization is in line with the development among end-users of standards. A majority of routine environmental analyses are carried out by institutions and laboratories working under a scope which is not limited to one single environmental matrix but covers a wide variety of matrices. Availability of standards covering more matrices contributes to the optimization of laboratory procedures and standard maintenance costs, e.g. cost related to accreditation and recognition.

A horizontal modular approach was developed in the project 'Horizontal'. 'Modular' means that a test standard developed in this approach concerns a specific step in assessing a property and not the whole " chain of measurement" (from sampling to analyses). A beneficial feature of this approach is that "modules" can be replaced by better ones without jeopardizing the standard "chain".

The modules that relates to this standard are specified in section 2 - Normative references.

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