



Handläggande organ

Fastställt

Utgåva

Sida

Standardiseringsgruppen STG

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Characterization of sludges – Determination of Kjeldahl nitrogen

This Swedish Standard consists of the English version of the European Standard EN 13342:2000, Characterization of sludges – Determination of Kjeldahl nitrogen.

This method describes a procedure for the determination of "Kjeldahl Nitrogen" in sludge and sludge products. The digestion is catalysed by selenium or copper, the temperature being raised by a high concentration of potassium or sodium sulphate.

Although wet samples are normally taken for analysis, it is recognised practice to report results on a dry mass basis (g/kg). Consequently, it is also necessary to determine the dry residue of the homogenised sample used for analysis (see EN 12880).

NOTE: This standard can be used for automatic methods if the stated volumes are adjusted.

Swedish Standards corresponding to documents referred to in this Standard are listed in "Catalogue of Swedish Standards", issued by SIS.

Karaktärisering av slam – Bestämning av Kjeldahlkväve

Denna standard utgörs av den engelska versionen av den europeiska standarden EN 13342:2000, Characterization of sludges – Determination of Kjeldahlkväve.

Denna metod beskriver en procedur för att bestämma Kjeldahlkväve i slam och slamprodukter. Som katalysator vid uppslutningen används selen eller koppar och temperaturen höjs med hjälp av hög koncentration av kalium- eller natriumsulfat.

Trots att man vanligtvis analyserar vätskeprov är det vedertagen praxis att ange resultatet på basis av torrsubstansen g/kg. Följaktligen är det även nödvändigt att bestämma torrsubstansen i det homogeniserade analysprovet (se EN 12880).

ANMÄRKNING: Standarden kan användas för automatiska metoder om angivna volymer justeras.

I SIS "Katalog över svensk standard" framgår vilka av de publikationer som omnämns i denna standard som har fastställts som svensk standard och som har översatts till svenska.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13342

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English version

Characterisation of sludges - Determination of Kjeldahl nitrogen

Caractérisation des boues - Détermination de l'azote
Kjeldahl

Charakterisierung von Schlämmen - Bestimmung des
Stickstoffs nach Kjeldahl

This European Standard was approved by CEN on 5 August 2000.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 308 "Characterization of sludges", 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 February 2001, and conflicting national standards shall be withdrawn at the latest by February 2001.

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.

The annex A is informative.

Introduction

Because sludge may be applied to land as a nutrient or as a disposal route, there is a need to monitor nitrogen content and application rates.