



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

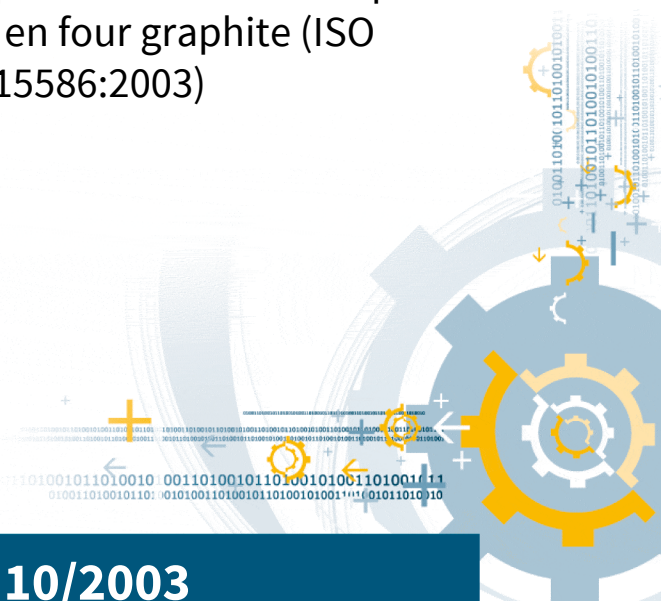
ILNAS-EN ISO 15586:2003

Water quality - Determination of trace elements using atomic absorption spectrometry with graphite furnace (ISO 15586:2003)

Wasserbeschaffenheit - Bestimmung von
Spurenelementen mittels
Atomabsorptionsspektrometrie mit dem
Graphitrohr-Verfahren (ISO 15586:2003)

Qualité de l'eau - Dosage des oligo-
éléments par spectrométrie d'absorption
atomique en four graphite (ISO
15586:2003)

10/2003



National Foreword

This European Standard EN ISO 15586:2003 was adopted as Luxembourgish Standard ILNAS-EN ISO 15586:2003.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

<https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html>

THIS PUBLICATION IS COPYRIGHT PROTECTED

Nothing from this publication may be reproduced or utilized in any form or by any mean - electronic, mechanical, photocopying or any other data carries without prior permission!

ILNAS-EN ISO 15586:2003

EUROPEAN STANDARD **EN ISO 15586**
NORME EUROPÉENNE
EUROPÄISCHE NORM

October 2003

ICS 13.060.50

English version

**Water quality - Determination of trace elements using atomic
absorption spectrometry with graphite furnace (ISO 15586:2003)**

Qualité de l'eau - Dosage des oligo-éléments par
spectrométrie d'absorption atomique en four graphite (ISO
15586:2003)

Wasserbeschaffenheit - Bestimmung von
Spurenelementen mittels Atomabsorptionsspektrometrie
mit dem Graphitrohr-Verfahren (ISO 15586:2003)

This European Standard was approved by CEN on 1 September 2003.

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 Management Centre 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 Management Centre 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

CORRECTED 2003-12-03

Foreword

This document (EN ISO 15586:2003) has been prepared by Technical Committee ISO/TC 147 "Water quality" in collaboration with Technical Committee CEN/TC 230 "Water analysis", 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 April 2004, and conflicting national standards shall be withdrawn at the latest by April 2004.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO 15586:2003 has been approved by CEN as EN ISO 15586:2003 without any modifications.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

Annex ZA

(normative)

**Normative references to international publications
with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

Publication	Year	Title	EN	Year
ISO 3696	1987	Water for analytical and laboratory use — Specification and test methods	EN ISO 3696	1995
ISO 5667-1	1980	Water quality — Sampling — Part 1: Guidance on the design of sampling programs	EN 25667-1	1993
ISO 5667-2	1991	Water quality — Sampling — Part 2: Guidance on sampling techniques	EN 25667-2	1993
ISO 5667-3	1994	Water quality — Sampling — Part 3: Guidance on the preservation and handling of samples	EN ISO 5667-3	1995
ISO 15587-1	2002	Water quality - Digestion for the determination of selected elements in water - Part 1: Aqua regia digestion	EN ISO 15587-1	2002
ISO 15587-2	2002	Water quality - Digestion for the determination of selected elements in water - Part 2: Nitric acid digestion	EN ISO 15587-2	2002

ILNAS-EN ISO 15586:2003

INTERNATIONAL STANDARD

ISO
15586

First edition
2003-10-01

Water quality — Determination of trace elements using atomic absorption spectrometry with graphite furnace

*Qualité de l'eau — Dosage des éléments traces par spectrométrie
d'absorption atomique en four graphite*



Reference number
ISO 15586:2003(E)

© ISO 2003

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2003

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland