

ILNAS

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

ILNAS-EN ISO 15473:2020

Soil quality - Guidance on laboratory testing for biodegradation of organic chemicals in soil under anaerobic conditions (ISO 15473:2002)

Qualité du sol - Lignes directrices
relatives aux essais en laboratoire pour la
biodégradation de produits chimiques
organiques dans le sol sous conditions

Bodenbeschaffenheit - Anleitung für
Laboratoriumsuntersuchungen zur
biologischen Abbaubarkeit von
organischen Chemikalien im Boden unter

04/2020



National Foreword

This European Standard EN ISO 15473:2020 was adopted as Luxembourgish Standard ILNAS-EN ISO 15473:2020.

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 15473:2020

EUROPEAN STANDARD **EN ISO 15473**

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2020

ICS 13.080.30

English Version

**Soil quality - Guidance on laboratory testing for
biodegradation of organic chemicals in soil under
anaerobic conditions (ISO 15473:2002)**

Qualité du sol - Lignes directrices relatives aux essais
en laboratoire pour la biodégradation de produits
chimiques organiques dans le sol sous conditions
anaérobies (ISO 15473:2002)

Bodenbeschaffenheit - Anleitung für
Laboratoriumsuntersuchungen zur biologischen
Abbaubarkeit von organischen Chemikalien im Boden
unter anaeroben Bedingungen (ISO 15473:2002)

This European Standard was approved by CEN on 13 April 2020.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

| Contents | Page |
|-------------------------------|-------------|
| European foreword..... | 3 |

European foreword

The text of ISO 15473:2002 has been prepared by Technical Committee ISO/TC 190 "Soil quality" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 15473:2020 by Technical Committee CEN/TC 444 "Environmental characterization of solid matrices" the secretariat of which is held by NEN.

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 October 2020, and conflicting national standards shall be withdrawn at the latest by October 2020.

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

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 15473:2002 has been approved by CEN as EN ISO 15473:2020 without any modification.

ILNAS-EN ISO 15473:2020
**INTERNATIONAL
STANDARD**

**ISO
15473**

First edition
2002-03-15

**Soil quality — Guidance on laboratory
testing for biodegradation of organic
chemicals in soil under anaerobic
conditions**

*Qualité du sol — Lignes directrices relatives aux essais en laboratoire pour
la biodégradation de produits chimiques organiques dans le sol sous
conditions anaérobies*



Reference number
ISO 15473:2002(E)

© ISO 2002

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 2002

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.ch
Web www.iso.ch

Printed in Switzerland

Contents

| | |
|--|----|
| Foreword..... | iv |
| Introduction..... | v |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions | 1 |
| 4 Principle..... | 3 |
| 5 Materials | 3 |
| 6 Collection, handling and storage of soil | 6 |
| 7 Procedure | 6 |
| 8 Expression of results | 9 |
| 9 Test report | 10 |
| Bibliography..... | 11 |