

**SLOVENSKI STANDARD
oSIST prEN ISO 17155:2020
01-januar-2020**

Kakovost tal - Določevanje številčnosti in aktivnosti mikroflore tal z dihalnimi krivuljami (ISO 17155:2012)

Soil quality - Determination of abundance and activity of soil microflora using respiration curves (ISO 17155:2012)

iTeh Standards

Qualité du sol - Détermination de l'abondance et de l'activité de la microflore du sol à l'aide de courbes de respiration (ISO 17155:2012)

Document Preview

Ta slovenski standard je istoveten z: prEN ISO 17155

SIST EN ISO 17155-2020

<https://standards.iteh.ai/catalog/standards/sist/07753915-2aeb-4498-8144-42a84d28b60b/sist-en-iso-17155-2020>

ICS:

13.080.30 Biološke lastnosti tal Biological properties of soils

oSIST prEN ISO 17155:2020

en,fr,de

INTERNATIONAL STANDARD

ISO
17155

Second edition
2012-10-01

Soil quality — Determination of abundance and activity of soil microflora using respiration curves

Qualité du sol — Détermination de l'abondance et de l'activité de la microflore du sol à l'aide de courbes de respiration

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[SIST EN ISO 17155:2020](#)

<https://standards.iteh.ai/catalog/standards/sist/07753915-2aeb-4498-8144-42a84d28b60b/sist-en-iso-17155-2020>



Reference number
ISO 17155:2012(E)

© ISO 2012

iTeh Standards

(<https://standards.iteh.ai>)

Document Preview

[SIST EN ISO 17155:2020](#)

<https://standards.iteh.ai/catalog/standards/sist/07753915-2aeb-4498-8144-42a84d28b60b/sist-en-iso-17155-2020>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

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

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Reagents	2
6 Apparatus	2
7 Sampling	3
7.1 Sample quantities	3
7.2 Sampling and storage	3
7.3 Soil sample characteristics	4
8 Procedure	4
8.1 Test	4
8.2 Toxicity testing	4
9 Calculation	5
9.1 Microbial parameters	5
9.2 Interpretation of data	6
10 Test report	8
Annex A (informative) Results of a laboratory ring test carried out in Germany	9
Annex B (informative) Comparison of microbial biomass determination by respiration curve measurement (this International Standard) and substrate-induced respiration (ISO 14240-1^[1])	11
Bibliography	13

SIST EN ISO 17155:2020

<https://standards.iteh.ai/catalog/standards/sist/07753915-2aeb-4498-8144-42a84d28b60b/sist-en-iso-17155-2020>

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 17155 was prepared by Technical Committee ISO/TC 190, *Soil quality*, Subcommittee SC 4, *Biological methods*.

This second edition cancels and replaces the first edition (ISO 17155:2002), which has been technically revised.

iTeh Standards

(<https://standards.iteh.ai>)

Document Preview

[SIST EN ISO 17155:2020](#)

<https://standards.iteh.ai/catalog/standards/sist/07753915-2aeb-4498-8144-42a84d28b60b/sist-en-iso-17155-2020>