

SLOVENSKI STANDARD

SIST EN ISO 4833-1:2013

01-december-2013

Nadomešča:

SIST EN ISO 4833:2003

Mikrobiologija v prehranski verigi - Horizontalna metoda za ugotavljanje števila mikroorganizmov - 1. del: Štetje kolonij pri 30 °C s tehniko prelivanja (ISO 4833-1:2013)

Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 1: Colony count at 30 degrees C by the pour plate technique (ISO 4833-1:2013)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Mikrobiologie von Lebensmitteln und Futtermitteln - Horizontales Verfahren zur Zählung von Mikroorganismen - Teil 1: Koloniezählverfahren bei 30 °C mittels Gussplattenverfahren (ISO 4833-1:2013)

<https://standards.iteh.ai/catalog/standards/sist/d0eb4132-7b2c-405b-ada9-e539dd1d3008/sist-en-iso-4833-1-2013>

Microbiologie de la chaîne alimentaire - Méthode horizontale pour le dénombrement des micro-organismes - Partie 1: Comptage des colonies à 30 degrés C par la technique d'ensemencement en profondeur (ISO 4833-1:2013)

Ta slovenski standard je istoveten z: EN ISO 4833-1:2013

ICS:

07.100.30 Mikrobiologija živil Food microbiology

SIST EN ISO 4833-1:2013 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 4833-1:2013](#)

<https://standards.iteh.ai/catalog/standards/sist/d0eb4132-7b2c-405b-ada9-e539dd1d3008/sist-en-iso-4833-1-2013>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 4833-1

September 2013

ICS 07.100.30

Supersedes EN ISO 4833:2003

English Version

Microbiology of the food chain - Horizontal method for the enumeration of microorganisms - Part 1: Colony count at 30 degrees C by the pour plate technique (ISO 4833-1:2013)

Microbiologie de la chaîne alimentaire - Méthode horizontale pour le dénombrement des micro-organismes - Partie 1: Comptage des colonies à 30 degrés C par la technique d'ensemencement en profondeur (ISO 4833-1:2013)

Mikrobiologie von Lebensmitteln und Futtermitteln - Horizontales Verfahren zur Zählung von Mikroorganismen - Teil 1: Koloniezählverfahren bei 30 °C mittels Gussplattenverfahren (ISO 4833-1:2013)

This European Standard was approved by CEN on 26 July 2013.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, 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: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....3

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

[SIST EN ISO 4833-1:2013](https://standards.iteh.ai/catalog/standards/sist/d0eb4132-7b2c-405b-ada9-e539dd1d3008/sist-en-iso-4833-1-2013)

<https://standards.iteh.ai/catalog/standards/sist/d0eb4132-7b2c-405b-ada9-e539dd1d3008/sist-en-iso-4833-1-2013>

Foreword

This document (EN ISO 4833-1:2013) has been prepared by Technical Committee ISO/TC 34 "Food products" in collaboration with Technical Committee CEN/TC 275 "Food analysis - Horizontal methods" 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 March 2014, and conflicting national standards shall be withdrawn at the latest by March 2014.

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

This document supersedes EN ISO 4833:2003, together with EN ISO 4833-2:2013.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
Endorsement notice

The text of ISO 4833-1:2013 has been approved by CEN as EN ISO 4833-1:2013 without any modification.

[SIST EN ISO 4833-1:2013](https://standards.iteh.ai/catalog/standards/sist/d0eb4132-7b2c-405b-ada9-e539dd1d3008/sist-en-iso-4833-1-2013)

<https://standards.iteh.ai/catalog/standards/sist/d0eb4132-7b2c-405b-ada9-e539dd1d3008/sist-en-iso-4833-1-2013>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 4833-1:2013](#)

<https://standards.iteh.ai/catalog/standards/sist/d0eb4132-7b2c-405b-ada9-e539dd1d3008/sist-en-iso-4833-1-2013>

INTERNATIONAL
STANDARD

ISO
4833-1

First edition
2013-09-01

**Microbiology of the food chain —
Horizontal method for the
enumeration of microorganisms —**

**Part 1:
Colony count at 30 °C by the pour plate
technique**

iTeh STANDARD PREVIEW

(standards.iteh.ai)
*Microbiologie de la chaîne alimentaire — Méthode horizontale pour
le dénombrement des micro-organismes —*

*Partie 1: Comptage des colonies à 30 °C par la technique
d'ensemencement en profondeur*

<https://standards.iteh.ai/catalog/standards/sist/d6704152-762c-405b-ada9-e539dd1d3008/sist-en-iso-4833-1-2013>



Reference number
ISO 4833-1:2013(E)

© ISO 2013

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 4833-1:2013

<https://standards.iteh.ai/catalog/standards/sist/d0eb4132-7b2c-405b-ada9-e539dd1d3008/sist-en-iso-4833-1-2013>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2013

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested 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 Culture media and diluents	2
5.1 General.....	2
5.2 Diluents.....	2
5.3 Agar medium: plate count agar (PCA).....	2
5.4 Overlay medium (if necessary; see 9.2.7).....	3
6 Apparatus	4
7 Sampling	4
8 Preparation of test sample	4
9 Procedure	4
9.1 Test portion, initial suspension and dilutions.....	4
9.2 Inoculation and incubation.....	4
9.3 Counting of colonies.....	5
10 Expression of results	5
10.1 Method of calculation.....	5
10.2 Precision.....	5
10.3 Interpretation of test results.....	6
11 Test report	7
Annex A (informative) Use of the critical difference for the interpretation of results	8
Bibliography	9