

# **SLOVENSKI STANDARD**

## **SIST EN ISO 10272-1:2017**

**01-september-2017**

**Nadomešča:**

**SIST EN ISO 10272-1:2006**

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**Mikrobiologija v prehranski verigi - Horizontalna metoda za ugotavljanje prisotnosti in števila *Campylobacter* spp. - 1. del: Metoda za ugotavljanje prisotnosti (ISO 10272-1:2017)**

Microbiology of the food chain - Horizontal method for detection and enumeration of *Campylobacter* spp. - Part 1: Detection method (ISO 10272-1:2017)

Mikrobiologie der Lebensmittelkette - Horizontales Verfahren zum Nachweis und zur Zählung von *Campylobacter* spp. - Teil 1: Nachweisverfahren (ISO 10272-1:2017)

Mikrobiologie de la chaîne alimentaire - Méthode horizontale pour la recherche et le dénombrement de *Campylobacter* spp. - Partie 1 : Méthode de recherche (ISO 10272-1:2017)

**Ta slovenski standard je istoveten z: EN ISO 10272-1:2017**

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**ICS:**

07.100.30

Mikrobiologija živil

Food microbiology

**SIST EN ISO 10272-1:2017**

**en**

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NORME EUROPÉENNE  
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**EN ISO 10272-1**

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Supersedes EN ISO 10272-1:2006

English Version

**Microbiology of the food chain - Horizontal method for  
detection and enumeration of *Campylobacter* spp. - Part 1:  
Detection method (ISO 10272-1:2017)**

Microbiologie de la chaîne alimentaire - Méthode  
horizontale pour la recherche et le dénombrement de  
*Campylobacter* spp. - Partie 1 : Méthode de recherche  
(ISO 10272-1:2017)

Mikrobiologie der Lebensmittelkette - Horizontales  
Verfahren zum Nachweis und zur Zählung von  
*Campylobacter* spp. - Teil 1: Nachweisverfahren (ISO  
10272-1:2017)

This European Standard was approved by CEN on 1 May 2017.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN ISO 10272-1:2017) 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 January 2018 and conflicting national standards shall be withdrawn at the latest by January 2018.

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.

This document supersedes EN ISO 10272-1:2006.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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**Microbiology of the food chain —  
Horizontal method for detection and  
enumeration of *Campylobacter* spp. —****Part 1:  
Detection method**

**iTeh STANDARD PREVIEW**  
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*Microbiologie de la chaîne alimentaire — Méthode horizontale pour  
la recherche et le dénombrement de *Campylobacter* spp. —  
Partie 1: Méthode de recherche*

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## 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by the European Committee for Standardization (CEN), Technical Committee CEN/TC 275, *Food Analysis — Horizontal methods*, in collaboration with ISO Technical committee ISO/TC 34, *Food products*, Subcommittee SC 9, *Microbiology*, in accordance with the agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 10272-1:2006), which has been technically revised with the following main changes:

- samples from the primary production stage have been added to the scope;
- the detection method was extended to include the option of a second enrichment broth (Preston broth), primarily to overcome problems with background flora resistant to third generation  $\beta$ -lactams (like cefoperazone in Bolton broth);
- the detection method was extended to include the option of direct plating on mCCDA;
- the note on the use of closed containers with reduced headspace as an alternative to incubation in a microaerobic atmosphere has been deleted;
- the confirmation tests on study of microaerobic growth at 25 °C and aerobic growth at 41,5 °C were replaced by the study of aerobic growth at 25 °C;
- performance testing for the quality assurance of the culture media has been added to [Annex B](#);
- performance characteristics have been added to [Annex C](#).

A list of all parts in the ISO 10272 series can be found on the ISO website.

**ISO 10272-1:2017(E)****Introduction**

The main changes, listed in the foreword, introduced in this document compared to ISO 10272-1:2006 are considered as minor (see ISO 17468).

Because of the large variety of food and feed products, this horizontal method may not be appropriate in every detail for certain products, and for some other products it may be necessary to use different methods. Nevertheless, it is hoped that in all cases every attempt will be made to apply this horizontal method as far as possible and that deviations from this will only be made if absolutely necessary for technical reasons.

When this document is next reviewed, account will be taken of all information then available regarding the extent to which this horizontal method has been followed, and the reasons for deviations from this in the case of particular products. The harmonization of test methods cannot be immediate and, for certain group of products, International Standards and/or national standards may already exist that do not comply with this horizontal method. It is hoped that when such standards are reviewed, they will be changed to comply with this document so that eventually the only remaining departures from this horizontal method will be those necessary for well-established technical reasons.

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