



# SLOVENSKI STANDARD SIST EN ISO 18415:2011

01-oktober-2011

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**Kozmetika - Mikrobiologija - Ugotavljanje prisotnosti specifičnih in nespecifičnih mikroorganizmov (ISO 18415:2007)**

Cosmetics - Microbiology - Detection of specified and non-specified microorganisms (ISO 18415:2007)

Kosmetik - Mikrobiologie - Nachweis von spezifizierten und nichtspezifizierten Mikroorganismen (ISO 18415:2007)

Cosmétiques - Microbiologie - Détection des micro-organismes spécifiés et non spécifiés (ISO 18415:2007)

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**Ta slovenski standard je istoveten z: EN ISO 18415:2011**

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**ICS:**

07.100.40      Kozmetika - mikrobiologija      Cosmetics microbiology

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EUROPEAN STANDARD

EN ISO 18415

NORME EUROPÉENNE

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English Version

## Cosmetics - Microbiology - Detection of specified and non-specified microorganisms (ISO 18415:2007)

Cosmétiques - Microbiologie - Détection des micro-organismes spécifiés et non spécifiés (ISO 18415:2007)

Kosmetik - Mikrobiologie - Nachweis von spezifizierten und nichtspezifizierten Mikroorganismen (ISO 18415:2007)

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## Foreword

The text of ISO 18415:2007 has been prepared by Technical Committee ISO/TC 217 “Cosmetics” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 18415:2011 by Technical Committee CEN/TC 392 “Cosmetics” 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of an identical text or by endorsement, at the latest by December 2011, and conflicting national standards shall be withdrawn at the latest by December 2011.

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# INTERNATIONAL STANDARD

**ISO**  
**18415**

First edition  
2007-09-01

Corrected version  
2007-12-01

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## **Cosmetics — Microbiology — Detection of specified and non-specified microorganisms**

*Cosmétiques — Microbiologie — Détection des micro-organismes  
spécifiés et non spécifiés*

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## ISO 18415:2007(E)

## 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 18415 was prepared by Technical Committee ISO/TC 217, *Cosmetics*.

This corrected version of ISO 18415:2007 contains the following corrections:

- p. 2, 3.6.1: modification of definition; **(standards.iteh.ai)**
- p. 3, 3.8: correction of term's number; [SIST EN ISO 18415:2011](https://standards.iteh.ai/catalog/standards/sist/a91840e0-9857-4006-988d-d8da645065d0/sist-en-iso-18415-2011)
- p.8, 9.7.1: correction of text in the second paragraph. <https://standards.iteh.ai/catalog/standards/sist/a91840e0-9857-4006-988d-d8da645065d0/sist-en-iso-18415-2011>

## Introduction

Microbiological examinations of cosmetic products are carried out according to an appropriate microbiological risk analysis in order to ensure their quality and safety for consumers.

Microbiological risk analysis depends on several parameters such as:

- potential alteration of cosmetic products;
- pathogenicity of microorganisms;
- site of application of the cosmetic product (hair, skin, eyes, mucous membranes);
- type of user (adults, children, including under 3 years).

For cosmetics and other topical products, the detection of skin pathogens such as *Staphylococcus aureus*, *Pseudomonas aeruginosa* and *Candida albicans* may be relevant because they can cause skin or eye infection. The detection of other kinds of microorganisms might be of interest since these microorganisms (including indicators of faecal contamination e.g. *Escherichia coli*) suggest hygienic failure during manufacturing process.

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