



SLOVENSKI STANDARD SIST EN ISO 21150:2016

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Nadomešča:
SIST EN ISO 21150:2009

**Kozmetika - Mikrobiologija - Ugotavljanje prisotnosti bakterije Escherichia coli
(ISO 21150:2015)**

Cosmetics - Microbiology - Detection of Escherichia coli (ISO 21150:2015)

Kosmetische Mittel - Mikrobiologie - Nachweis von Escherichia coli (ISO 21150:2015)

Cosmétiques - Microbiologie - (standards.iteh.ai) Detection d'Escherichia coli (ISO 21150:2015)

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**Cosmetics - Microbiology - Detection of Escherichia coli
(ISO 21150:2015)**Cosmétiques - Microbiologie - Détection d'Escherichia
coli (ISO 21150:2015)Kosmetische Mittel - Mikrobiologie - Nachweis von
Escherichia coli (ISO 21150:2015)

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COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN ISO 21150:2015) has been prepared by Technical Committee ISO/TC 217 "Cosmetics" in collaboration with Technical Committee CEN/TC 392 "Cosmetics" the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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INTERNATIONAL
STANDARD

ISO
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Second edition
2015-12-01

**Cosmetics — Microbiology —
Detection of *Escherichia coli***

Cosmétiques — Microbiologie — Détection d'Escherichia coli

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ISO 21150:2015(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.

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).

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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 WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 217, *Cosmetics*.

This second edition cancels and replaces the first edition (ISO 21150:2006), which has been technically revised.

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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 the following:

- potential alteration of cosmetic products;
- pathogenicity of microorganisms;
- site of application of the cosmetic product (hair, skin, eyes, mucous membranes);
- type of users (adults, children 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 infections. The detection of other kinds of microorganism might be of interest since these microorganisms (including indicators of faecal contamination e.g. *Escherichia coli*) suggest hygienic failure during the manufacturing process.

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