BS EN ISO 21150:2015+A1:2022

BSI Standards Publication

Cosmetics — Microbiology — Detection of *Escherichia coli*

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee CW/217, Cosmetics.

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NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 21150+A1

September 2022

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English Version

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)

This European Standard was approved by CEN on 26 September 2015.

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of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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European foreword to Amendment 1

This document (EN ISO 21150:2015/A1:2022) 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 Amendment to the European Standard EN ISO 21150:2015 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2023, and conflicting national standards shall be withdrawn at the latest by March 2023.

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Foreword

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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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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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