
Kozmetika - Mikrobiologija - Preskušanje impregniranih ali s premazi obdelanih robčkov in mask (ISO/FDIS 21322:2026)

Cosmetics - Microbiology - Testing of impregnated or coated wipes and masks (ISO/FDIS 21322:2026)

Kosmetische Mittel - Mikrobiologie - Prüfung von getränkten oder beschichteten Reinigungstüchern und Masken (ISO/FDIS 21322:2026)

Cosmétiques - Microbiologie - Essais sur lingettes et masques imprégnés ou enduits (ISO/FDIS 21322:2026)

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FINAL DRAFT

International Standard

ISO/FDIS 21322

Cosmetics — Microbiology — Testing of impregnated or coated wipes and masks

*Cosmétiques — Microbiologie — Essais sur lingettes et masques
imprégnés ou enduits*

ISO/TC 217

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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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This document was prepared by Technical Committee ISO/TC 217, *Cosmetics*.

This second edition cancels and replaces the first edition (ISO 21322:2020), of which it constitutes a minor revision.

The changes are as follows:

— the normative references ([Clause 2](#)) has been updated.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

ISO/FDIS 21322:2026(en)**Introduction**

For technical reasons, current standards in cosmetics microbiology might not be applicable to impregnated or coated cosmetic products, such as wipes and masks, in which there is no direct access to the formulation.

Based on their product form or delivery, there is a need to adapt these standards to assess the microbiological quality of these products.

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Cosmetics — Microbiology — Testing of impregnated or coated wipes and masks

1 Scope

This document gives guidance for the enumeration and/or detection of microorganisms present in a cosmetic product that is impregnated or coated onto a substrate (i.e. wipes and masks) where sampling and microbiological influence of the manufactured product presents particular challenges in terms of microbiological sampling and testing.

The principle of this document can also be applied to test similar products (e.g. cushion, impregnated sponge, etc.) or applicators (e.g. brush, puff, sponge, etc.) with modification of the procedure as appropriate.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4973, *Cosmetics — Microbiology — Quality control of culture media and diluents used in cosmetics standards*

ISO 11930, *Cosmetics — Microbiology — Evaluation of the antimicrobial protection of a cosmetic product*

ISO 16212, *Cosmetics — Microbiology — Enumeration of yeast and mould*

ISO 18416, *Cosmetics — Microbiology — Detection of *Candida albicans**

ISO 21148, *Cosmetics — Microbiology — General instructions for microbiological examination*

ISO 21149, *Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria*

ISO 21150, *Cosmetics — Microbiology — Detection of *Escherichia coli**

ISO 22717, *Cosmetics — Microbiology — Detection of *Pseudomonas aeruginosa**

ISO 22718, *Cosmetics — Microbiology — Detection of *Staphylococcus aureus**

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

cosmetic formulation, noun

preparation of raw materials with a qualitatively and quantitatively defined composition

3.2

cosmetic product, noun

cosmetic formulation (3.1) that has undergone all stages of production, including packaging in its final container, for shipment