

STN	Obuv a súčasti obuvi Skúšobná metóda na posúdenie antibakteriálneho účinku (ISO 16187: 2025)	STN EN ISO 16187 79 5669
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Footwear and footwear components - Test method to assess antibacterial activity (ISO 16187:2025)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/25

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EN ISO 16187

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English Version

**Footwear and footwear components - Test method to
assess antibacterial activity (ISO 16187:2025)**

Chaussure et composants de chaussure - Méthode
d'essai pour évaluer l'activité antibactérienne (ISO
16187:2025)

Schuhe und Schuhbestandteile - Prüfverfahren zur
Bestimmung der antibakteriellen Wirkung (ISO
16187:2025)

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EN ISO 16187:2025 (E)

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European foreword

This document (EN ISO 16187:2025) has been prepared by Technical Committee ISO/TC 216 "Footwear" in collaboration with Technical Committee CEN/TC 309 "Footwear" the secretariat of which is held by UNE.

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of an identical text or by endorsement, at the latest by September 2025, and conflicting national standards shall be withdrawn at the latest by September 2025.

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Endorsement notice

The text of ISO 16187:2025 has been approved by CEN as EN ISO 16187:2025 without any modification.



International Standard

ISO 16187

Footwear and footwear components — Test method to assess antibacterial activity

*Chaussure et composants de chaussure — Méthode d'essai pour
évaluer l'activité antibactérienne*

**Second edition
2025-02**

ISO 16187:2025(en)



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Foreword

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This document was prepared by Technical Committee ISO/TC 216, *Footwear*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 309, *Footwear*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 16187:2013), which has been technically revised.

The main changes are as follows:

- a new term “neutralizer” and its definition have been added;
- a new [Clause 4](#) has been added;
- AS No. has been revised to CGMCC No.;
- the light intensity of UV lamp has been added;
- the normative references and bibliography have been revised and updated;
- TSA and TSB have been added as alternative culture medium if NA and NB are not available;
- Annex D has been deleted.

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.

Footwear and footwear components — Test method to assess antibacterial activity

CAUTION — Test methods specified in this document require the use of bacteria. These tests shall only be carried out in facilities with containment techniques for handling microorganisms and by persons with training and experience in the use of microbiological techniques.

1 Scope

This document specifies quantitative test methods to evaluate the antibacterial activity of footwear and footwear components.

This document is applicable to all types of footwear and footwear components employing non-diffusing antibacterial treatments.

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 7218, *Microbiology of the food chain — General requirements and guidance for microbiological examinations*

ISO 19952, *Footwear — Vocabulary*

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