
Kozmetika - Preskusne metode za zaščito pred soncem - Določevanje faktorja zaščite pred soncem (SPF) in vivo - Dopolnilo A1 (ISO 24444:2019/DAmD 1:2021)

Cosmetics - Sun protection test methods - In vivo determination of the sun protection factor (SPF) - Amendment 1 (ISO 24444:2019/DAmD 1:2021)

Kosmetik - Untersuchungsverfahren für Sonnenschutzmittel - In-vivo-Bestimmung des Sonnenschutzfaktors (SSF) - Änderung 1 (ISO 24444:2019/DAmD 1:2021)

Cosmétiques - Méthodes d'essai de protection solaire - Détermination in vivo du facteur de protection solaire (FPS) - Amendement 1 (ISO 24444:2019/DAmD 1:2021)

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Ta slovenski standard je istoveten z: EN ISO 24444:2020/prA1

ICS:

71.100.70	Kozmetika. Toaletni pripomočki	Cosmetics. Toiletries
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SIST EN ISO 24444:2020/oprA1:2021 **en,fr,de**

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DRAFT AMENDMENT

ISO 24444:2019/DAM 1

ISO/TC 217

Secretariat: **ISIRI**Voting begins on:
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Cosmetics — Sun protection test methods — In vivo determination of the sun protection factor (SPF)

AMENDMENT 1

Cosmétiques — Méthodes d'essai de protection solaire — Détermination in vivo du facteur de protection solaire (FPS)

AMENDEMENT 1

ICS: 71.100.70

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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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This document was prepared by Technical Committee ISO/TC 217, *Cosmetics*, Subcommittee WG7, *Sunscreen Protection Test Methods*.

This third edition cancels and replaces the second edition (ISO 24443:2019), which has been technically revised.

The main changes compared to the previous edition are as follows:

- The uniformity testing for multiple beam solar simulators has an additional requirement.
- The use of any sunscreen standard is permitted for sunscreens with SPF ≤ 24 and P2 is not required on every subject
- The statistical test for reference standards has been removed
- The viscosity range for reference standard P6 has been revised

A list of all parts in the ISO 24444 series can be found on the ISO website.

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Cosmetics — Sun protection test methods — In vivo determination of the sun protection factor (SPF)

AMENDMENT 1

Page 7, section 6.4.5.2

Add the phrase “with no individual port having uniformity of < 85 %” to the end of the second sentence as shown below.

6.4.5.2 Multiple output device. *For a multiple output device, the intensity uniformity of each output beam shall be determined by measuring at least 4 circles of equal area of each output beam (see Figure 2) as calculated in Formula [1].*

The average uniformity of all beams for the multiple output device shall be ≥ 90 %, with no individual port having uniformity of < 85 %.

Page 9, section 8.2.2:

Delete the phrase “P2 or P3 reference standard (all subjects)” to the second paragraph.

Add the phrase “any reference standard listed in Annex C may be used for each subject” to the second paragraph.

8.2.2 Establishment of SPF for product claim: *When testing is conducted for the purpose of supporting a label claim of a product intended for market the following reference standards shall be used for testing with the test product:*

— *SPF Claim ≤ 24 : ~~P2 or P3 reference standard (all subjects); any reference standard listed in Annex C may be used for each subject~~*

Pages 16 and 17, section 10.3:

Delete the word “all” in the first sentence.

Delete the phrase “and a mean reference product SPF which has a 95 % CI which falls within the range of ± 17 % of the measured mean SPF for the reference sunscreen formulation.” from the last sentence of the second paragraph.

Add a new paragraph after the first paragraph stating “For the reference sunscreens used on test panelists, the average value for each of the reference sunscreens shall fall within their respective acceptance ranges specified in Annex C. No further statistical requirement is needed for the reference sunscreen.”

Add the phrase “of the test sunscreen” after “statistical criterion” in the first sentence of the third paragraph.

Add the phrase “and the means of the reference sunscreens fall within their respective acceptance ranges” after “is fulfilled” in the first sentence of the third paragraph.

Delete the phrase “from ten” from the second sentence of the third paragraph.