

STN	Elektronické cigarety a e-kvapaliny Určenie konzistencie dodávky nikotínu počas definovaných sekvencií ťahov jednej elektronickej cigarety	STN EN 17746 56 9584
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Electronic cigarettes and e-liquids - Determination of nicotine delivery consistency over defined puff sequences within a single e-cigarette

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. 07/23

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EUROPEAN STANDARD
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English Version

**Electronic cigarettes and e-liquids - Determination of
nicotine delivery consistency over defined puff sequences
within a single e-cigarette**

Cigarettes électroniques et e-liquides - Détermination
de la constance de délivrance de la nicotine lors de
séquences de bouffées définies avec une seule e-
cigarette

Elektronische Zigaretten und E-Liquids - Bestimmung
der gleichmäßigen Abgabe von Nikotin über definierte
Zugsequenzen einer Anzahl von E-Zigaretten
identischen Typs

This European Standard was approved by CEN on 10 March 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 17746:2023 (E)

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European foreword

This document (EN 17746:2023) has been prepared by Technical Committee CEN/TC 437 “Electronic cigarettes and e-liquids”, 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of an identical text or by endorsement, at the latest by November 2023, and conflicting national standards shall be withdrawn at the latest by November 2023.

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EN 17746:2023 (E)**1 Scope**

This document specifies the method for the determination of nicotine delivery consistency of an electronic cigarette over the duration of use of e-liquid in the reservoir or a battery charge.

This document:

- defines the equipment to be used;
- specifies the preparation of the e-cigarette samples for testing;
- specifies the aerosol generation process;
- specifies the analytical method;
- specifies the determination of the test result.

This document does not seek to demonstrate whether there is consistency of nicotine delivery between e-cigarettes. The latter is the aim of a separate method under development, EN 17634 *Electronic cigarettes and e-liquids — Determination of nicotine delivery consistency over defined puff sequences of a number of e-cigarettes of identical type* [1]. Two separate methods have been developed to determine consistency of nicotine delivery, pending regulatory clarity on the Tobacco Products Directive's requirement to "deliver nicotine doses at consistent levels" [2].

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.

EN 17375, *Electronic cigarettes and e-liquids — Reference e-liquids*

EN ISO 24199, *Vapour products — Determination of nicotine in vapour product emissions — Gas chromatographic method (ISO 24199)*

ISO 20768, *Vapour products — Routine analytical vaping machine — Definitions and standard conditions*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN