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Extractables and leachables assessment in vaping products

Bewertung extrahierbarer und auslaugbarer Stoffe in Dampfprodukten

Ta slovenski standard je istoveten z: **FprCEN/TS 18334**

ICS:

65.160	Tobak, tobačni izdelki in oprema	Tobacco, tobacco products and related equipment
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FprCEN/TS 18334

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Extractables and leachables assessment in vaping products

Bewertung extrahierbarer und auslaugbarer Stoffe in
Dampfprodukten

This draft Technical Specification is submitted to CEN members for Vote. It has been drawn up by the Technical Committee CEN/TC 437.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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FprCEN/TS 18334:2026 (E)**European foreword**

This document (FprCEN/TS 18334:2026) has been prepared by Technical Committee CEN/TC 437 “Electronic cigarettes and e-liquids”, the secretariat of which is held by AFNOR.

This document is currently submitted to the Vote on TS.

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Introduction

This document provides state-of-the-art guidance for the testing of extractables and leachables in vaping products.

Extractables and Leachables refers to substances that have the potential to migrate from components and materials of construction into the e-liquid unintentionally.

Extractables can be released from a material of construction under laboratory conditions which may be varied to accelerate or exaggerate the removal of compounds from the construction materials. Extractables have the potential to leach into the e-liquid.

Leachables are substances that migrate from a material of construction into the e-liquid under normal conditions of storage and use. These substances, or their degradation products, once in the e-liquid, may then aerosolize for transfer to the consumer.

This document states the general principles and requirements for measuring and assessing extractable and leachable substances in vaping products.

The recommendations in this document are relevant to the majority of product types currently available, and the principles have been developed with the potential for application to future products. The principles may also be applied to the e-liquid manufacturing process equipment.

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