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Foodstuffs - Determination elements and their chemical species - Determination of organomercury in seafood by elemental mercury analysis

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

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English Version

## Foodstuffs - Determination elements and their chemical species - Determination of organomercury in seafood by elemental mercury analysis

Produits alimentaires - Dosage des éléments et de leurs espèces chimiques - Dosage du mercure organique dans les produits de la mer par analyse du mercure élémentaire

Lebensmittel - Bestimmung von Elementen und ihren Verbindungen - Bestimmung von Organoquecksilber in Fisch und Meeresfrüchten mittels Elementaranalyse von Quecksilber

This European Standard was approved by CEN on 9 September 2019.

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

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

**EN 17266:2019 (E)**

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## **European foreword**

This document (EN 17266:2019) has been prepared by Technical Committee CEN/TC 275 “Food analysis - Horizontal methods”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by May 2020, and conflicting national standards shall be withdrawn at the latest by May 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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**EN 17266:2019 (E)****1 Scope**

This document specifies a method for the determination of organomercury in seafood by elemental mercury analysis. The method has been successfully validated in an interlaboratory study on oyster tissue, mussel tissue, lobster hepatopancreas, dogfish liver and tuna at levels from 0,01 mg/kg to 5 mg/kg referring to dry weight and expressed as mercury [1], [2].

The limit of quantification is approximately 0,01 mg/kg of organomercury [3], [4].

Organic species of mercury, other than monomethylmercury, are also extracted and thus determined with this method. However, in seafood the contribution from organic species of mercury other than monomethylmercury is negligible.

**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 13804, *Foodstuffs - Determination of elements and their chemical species - General considerations and specific requirements*

EN ISO 3696, *Water for analytical laboratory use - Specification and test methods (ISO 3696)*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**