



SLOVENSKI STANDARD

SIST EN 13806-2:2025

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Nadomešča:
SIST EN 13806:2002

Živila - Določevanje elementov v sledovih - 2. del: Določevanje celotnega živega srebra v živilih z atomsko fluorescenčno spektrometrijo (AFS) - Tehnika hladne pare po razklopu pod pritiskom

Foodstuffs - Determination of trace elements - Part 2: Determination of total mercury in foodstuffs by atomic fluorescence spectrometry (AFS) - Cold vapour technique after pressure digestion

Lebensmittel - Bestimmung von Elementspuren - Teil 2: Bestimmung des Gesamtquecksilbers in Lebensmitteln mittels Atomfluoreszenzspektrometrie (AFS) - Kaltdampftechnik nach Druckaufschluss

Produits alimentaires - Dosage des éléments traces - Partie 2 : Dosage du mercure total dans les produits alimentaires par spectrométrie de fluorescence atomique (SFA) - Génération de vapeurs froides après digestion sous pression

Ta slovenski standard je istoveten z: EN 13806-2:2025

ICS:

67.050	Splošne preskusne in analizne metode za živilske proizvode	General methods of tests and analysis for food products
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en,fr,de

EUROPEAN STANDARD

EN 13806-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2025

ICS 67.050

Supersedes EN 13806:2002

English Version

**Foodstuffs - Determination of trace elements - Part 2:
Determination of total mercury in foodstuffs by atomic
fluorescence spectrometry (AFS) - cold vapour technique
after pressure digestion**

Produits alimentaires - Dosage des éléments-traces -
Partie 2 : Dosage du mercure total dans les produits
alimentaires par spectrométrie de fluorescence
atomique (SFA) - Génération de vapeurs froides après
digestion sous pression

Lebensmittel - Bestimmung von Elementspuren - Teil
2: Bestimmung des Gesamtquecksilbers in
Lebensmitteln mittels Atomfluoreszenzspektrometrie
(AFS) - Kaldampftechnik nach Druckaufschluss

This European Standard was approved by CEN on 21 February 2025.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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

Contents

	Page
European foreword.....	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Principle	6
5 Reagents	6
6 Apparatus.....	9
7 Sampling.....	10
8 Procedure.....	10
8.1 Digestion, removal of nitrous gases and stabilization.....	10
8.2 Cold vapour atomic fluorescence spectrometry	11
8.2.1 Spectrometer settings	11
8.2.2 Cold vapour AFS determination.....	11
8.3 Quality control	11
9 Evaluation	11
9.1 Calculation.....	11
9.2 Limit of quantification.....	12
9.3 Precision.....	13
9.4 Reproducibility	13
9.5 Trueness.....	13
10 Test report.....	13
Annex A (informative) Precision data	14
Bibliography.....	16

European foreword

This document (EN 13806-2:2025) 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 September 2025, and conflicting national standards shall be withdrawn at the latest by September 2025.

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.

This document supersedes EN 13806:2002.

The main changes compared to the previous edition are listed below:

- the document has been split up into three separate parts: EN 13806-1 covering the AAS-cold-vapour technique, EN 13806-2 the AFS-cold-vapour technique and EN 13806-3 the solid sample AAS technique;
- full technical revision to bring the technical realization up to date with the latest technology;
- Stabilization of the digest solution;
- Update of statistical data by new interlaboratory study.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 13806-2:2025 (E)**Introduction**

This document has been developed in parallel with EN 13806-1 [3] and EN 13806-3 [4]. All three methods were validated in parallel in interlaboratory studies with the same scope. They are statistically compatible in performances. This allows the users of these documents to employ the most appropriate/available method depending on the purpose of their studies. The statistical parameters of these standards are presented in the respective documents.

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