



**SLOVENSKI STANDARD**  
**SIST EN ISO 11138-2:2006**  
**01-oktober-2006**

**BUXca Yý U.**  
**SIST EN 866-2:2000**  
**SIST EN 866-2:2000/AC:2000**  
**SIST EN 866-8:2000**

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**Sterilizacija izdelkov za zdravstveno nego - Biološki indikatorji - 2. del: Biološki indikatorji za sterilizacijske postopke z etilenoksidom (ISO 11138-2:2006)**

Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes (ISO 11138-2:2006)

Sterilisation von Produkten für die Gesundheitsfürsorge - Biologische Indikatoren - Teil 2: Biologische Indikatoren für Sterilisationsverfahren mit Ethylenoxid (ISO 11138-2:2006)

Stérilisation des produits de santé - Indicateurs biologiques - Partie 2: Indicateurs biologiques pour la stérilisation à l'oxyde d'éthylène (ISO 11138-2:2006)

**Ta slovenski standard je istoveten z: EN ISO 11138-2:2006**

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**ICS:**

11.080.01	Sterilizacija in dezinfekcija na splošno	Sterilization and disinfection in general
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**SIST EN ISO 11138-2:2006**

**en,fr,de**

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English Version

**Sterilization of health care products - Biological indicators - Part  
2: Biological indicators for ethylene oxide sterilization processes  
(ISO 11138-2:2006)**

Stérilisation des produits de santé - Indicateurs biologiques  
- Partie 2: Indicateurs biologiques pour la stérilisation à  
l'oxyde d'éthylène (ISO 11138-2:2006)

Sterilisation von Produkten für die Gesundheitsfürsorge -  
Biologische Indikatoren - Teil 2: Biologische Indikatoren für  
Sterilisationsverfahren mit Ethylenoxid (ISO 11138-2:2006)

This European Standard was approved by CEN on 7 June 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

## Foreword

This document (EN ISO 11138-2:2006) has been prepared by Technical Committee ISO/TC 198 "Sterilization of health care products" in collaboration with Technical Committee CEN/TC 102 "Sterilizers for medical purposes", 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 January 2007, and conflicting national standards shall be withdrawn at the latest by January 2007.

This document supersedes EN 866-2:1997, EN 866-8:1999.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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

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### Endorsement notice

[SIST EN ISO 11138-2:2006](https://standards.iteh.ai/catalog/standards/sist-en-iso-11138-2-2006)

The text of ISO 11138-2:2006 has been approved by CEN as EN ISO 11138-2:2006 without any modifications.

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**ANNEX ZA**  
(informative)

**Relationship between this European Standard and the Essential Requirements of EU Directive 93/42/EEC**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive 93/42/EEC, *Medical devices: General*.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements of that Directive and associated EFTA regulations.

**WARNING:** Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.

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**Sterilization of health care products —  
Biological indicators —**

Part 2:

**Biological indicators for ethylene oxide  
sterilization processes**

iTeh STANDARD PREVIEW

*Stérilisation des produits de santé — Indicateurs biologiques —  
Partie 2: Indicateurs biologiques pour la stérilisation à l'oxyde d'éthylène*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 11138-2 was prepared by Technical Committee ISO/TC 198, *Sterilization of health care products*.

This second edition cancels and replaces the first edition (ISO 11138-2:1994), which has been technically revised.

ISO 11138 consists of the following parts, under the general title *Sterilization of health care products — Biological indicators*:

- SIST EN ISO 11138-2:2006  
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- Part 1: *General requirements*
  - Part 2: *Biological indicators for ethylene oxide sterilization processes*
  - Part 3: *Biological indicators for moist heat sterilization processes*
  - Part 4: *Biological indicators for dry heat sterilization processes*
  - Part 5: *Biological indicators for low-temperature steam and formaldehyde sterilization processes*