



**SLOVENSKI STANDARD**  
**SIST EN ISO 10705-3:2025**

**01-marec-2025**

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**Kakovost vode - Ugotavljanje prisotnosti in števila bakteriofagov - 3. del:  
Validacija metod za koncentriranje bakteriofagov iz vode (ISO 10705-3:2003)**

Water quality - Detection and enumeration of bacteriophages - Part 3: Validation of methods for concentration of bacteriophages from water (ISO 10705-3:2003)

Wasserbeschaffenheit - Nachweis und Zählung von Bakteriophagen - Teil 3: Validierung von Verfahren für die Konzentration von Bakteriophagen in Wasser (ISO 10705-3:2003)

Qualité de l'eau - Détection et dénombrement des bactériophages - Partie 3: Validation des méthodes de concentration des bactériophages dans l'eau (ISO 10705-3:2003)

**Ta slovenski standard je istoveten z: EN ISO 10705-3:2024**

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**ICS:**

07.100.20      Mikrobiologija vode      Microbiology of water

**SIST EN ISO 10705-3:2025**

**en,fr,de**



EUROPEAN STANDARD

EN ISO 10705-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2024

ICS 07.100.20

English Version

Water quality - Detection and enumeration of  
bacteriophages - Part 3: Validation of methods for  
concentration of bacteriophages from water (ISO 10705-  
3:2003)

Qualité de l'eau - Détection et dénombrement des  
bactériophages - Partie 3: Validation des méthodes de  
concentration des bactériophages dans l'eau (ISO  
10705-3:2003)

Wasserbeschaffenheit - Nachweis und Zählung von  
Bakteriophagen - Teil 3: Validierung von Verfahren für  
die Konzentration von Bakteriophagen in Wasser (ISO  
10705-3:2003)

This European Standard was approved by CEN on 5 August 2024.

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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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COMITÉ EUROPÉEN DE NORMALISATION  
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## European foreword

The text of ISO 10705-3:2003 has been prepared by Technical Committee ISO/TC 147 "Water quality" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10705-3:2024 by Technical Committee CEN/TC 230 "Water analysis" 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 February 2025, and conflicting national standards shall be withdrawn at the latest by February 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.

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# INTERNATIONAL STANDARD

# ISO 10705-3

First edition  
2003-10-01

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## Water quality — Detection and enumeration of bacteriophages —

Part 3:

## Validation of methods for concentration of bacteriophages from water

*Qualité de l'eau — Détection et dénombrement des bactériophages —  
Partie 3: Validation des méthodes de concentration des bactériophages  
dans l'eau*

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## ISO 10705-3:2003(E)

### 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 10705-3 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 4, *Microbiological methods*.

ISO 10705 consists of the following parts, under the general title *Water quality — Detection and enumeration of bacteriophages*:

- *Part 1: Enumeration of F-specific RNA bacteriophages*
- *Part 2: Enumeration of somatic coliphages*
- *Part 3: Validation of methods for concentration of bacteriophages from water*
- *Part 4: Enumeration of bacteriophages infecting Bacteroides fragilis*