

Water quality — Detection and enumeration of intestinal enterococci —

Part 1: Miniaturized method (Most Probable Number) for surface and waste water

The European Standard EN ISO 7899-1:1998 has the status of a
British Standard

ICS 07.100.20

Confirmed July 2008

National foreword

This British Standard is the English language version of EN ISO 7899-1:1998, including technical corrigendum May 2000. It is identical with ISO 7899-1:1998, including technical corrigendum May 2000. It supersedes BS 6068-4.3:1989 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee EH/3, Water quality, to Subcommittee EH/3/4, Microbiological methods, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

BS EN ISO 7899-1 is one of a series of standards on water quality, others of which have been, or will be, published as sections of BS 6068. This standard has therefore been given the secondary identifier BS 6068-4.3. The various sections of BS 6068 are comprised within Parts 1 to 7, which, together with Part 0, are listed below.

- *Part 0: Introduction;*
- *Part 1: Glossary;*
- *Part 2: Physical, chemical and biochemical methods;*
- *Part 3: Radiological methods;*
- *Part 4: Microbiological methods;*
- *Part 5: Biological methods;*
- *Part 6: Sampling;*
- *Part 7: Precision and accuracy.*

NOTE The tests described in this British Standard should only be carried out by suitably qualified persons with an appropriate level of microbiological expertise. Standard microbiological procedures should be followed throughout.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, the ISO title page, pages ii to iv, pages 1 to 17 and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

This British Standard, having been prepared under the direction of the Health and Environment Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 June 1999

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English version

Water quality — Detection and enumeration of
intestinal enterococci —
Part 1: Miniaturized method (Most Probable Number)
for surface and waste water

(ISO 7899-1:1998)

Qualité de l'eau — Recherche et dénombrement
des entérocoques intestinaux —
Partie 1: Méthode miniaturisée (nombre le plus
probable) pour les eaux de surface et résiduaires
(ISO 7899-1:1998)

Wasserbeschaffenheit — Nachweis und
Zählung von intestinalen Enterokokken —
Teil 1: Miniaturisiertes Verfahren
(MPN-Verfahren) für Oberflächenwasser und
Abwasser
(ISO 7899-1:1998)

This European Standard was approved by CEN on 15 November 1998.

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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

The text of the International Standard ISO 7899-1:1998 has been prepared by Technical Committee ISO/TC 147, *Water quality*, in collaboration with 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 May 1999, and conflicting national standards shall be withdrawn at the latest by May 1999.

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

Endorsement notice

The text of the International Standard ISO 7899-1:1998 was approved by CEN as a European Standard without any modification.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

INTERNATIONAL STANDARD

ISO
7899-1

Second edition
1998-11-15

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2000-05-01

Water quality — Detection and enumeration of intestinal enterococci

Part 1: Miniaturized method (Most Probable Number) for surface and waste water

*Qualité de l'eau — Recherche et dénombrement des entérocoques
intestinaux*

*Partie 1: Méthode miniaturisée (nombre le plus probable) pour les
eaux de surface et résiduelles*



Reference number
ISO 7899-1:1998(E)

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Descriptors: water, surface water, sewage, quality, bacteriological quality, water pollution, tests, water tests, microbiological analysis, detection, counting, enterobacteriaceae.

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.

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.

International Standard ISO 7899-1 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 4, *Biological methods*.

This second edition cancels and replaces the first edition (ISO 7899-1:1984), which has been technically revised.

ISO 7899 consists of the following parts, under the general title *Water quality — Detection and enumeration of intestinal enterococci in surface and waste water*.

— *Part 1: Miniaturized method (Most Probable Number) by inoculation in liquid medium;*

— *Part 2: Method by membrane filtration.*

Annex E and Annex F form an integral part of this part of ISO 7899. Annex A, Annex B, Annex C, Annex D and Annex G are for information only.

