

This is a preview of "ISO 7899-2:2000". Click [here](#) to purchase the full version from the ANSI store.

Second edition  
2000-04-15

---

---

## **Water quality — Detection and enumeration of intestinal enterococci —**

### **Part 2: Membrane filtration method**

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

*Partie 2: Méthode par filtration sur membrane*



Reference number  
ISO 7899-2:2000(E)

© ISO 2000

This is a preview of "ISO 7899-2:2000". [Click here to purchase the full version from the ANSI store.](#)

**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2000

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 734 10 79  
E-mail [copyright@iso.ch](mailto:copyright@iso.ch)  
Web [www.iso.ch](http://www.iso.ch)

Printed in Switzerland

This is a preview of "ISO 7899-2:2000". [Click here to purchase the full version from the ANSI store.](#)

## Contents

Page

Foreword.....	iv
Introduction .....	v
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	2
4 Principle.....	2
5 Apparatus .....	2
6 Culture media and reagents .....	3
7 Sampling.....	4
8 Procedure .....	4
9 Quality assurance.....	5
10 Expression of results .....	5
11 Test report .....	5
Annex A (informative) Further microbiological information on intestinal enterococci .....	6
Bibliography .....	7

This is a preview of "ISO 7899-2:2000". [Click here to purchase the full version from the ANSI store.](#)

## 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 3.

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 part of ISO 7899 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 7899-2 was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 4, *Microbiological methods*.

This second edition cancels and replaces the first edition (ISO 7899-2:1984), which has been technically revised.

ISO 7899 consists of the following parts, under the general title *Water quality — Detection and enumeration of intestinal enterococci*:

- *Part 1: Miniaturized method (Most Probable Number) for surface and waste water*
- *Part 2: Membrane filtration method*

Annex A of this part of ISO 7899 is for information only.

This is a preview of "ISO 7899-2:2000". [Click here to purchase the full version from the ANSI store.](#)

## Introduction

In this part of ISO 7899 a method is described for the isolation of intestinal enterococci. *Enterococcus faecalis*, *E. faecium*, *E. durans* and *E. hirae* can be detected and enumerated with the methods described in this part of ISO 7899. In addition, other *Enterococcus* species and some species of the genus *Streptococcus* (namely *S. bovis* and *S. equinus*) may occasionally be detected. These *Streptococcus* species do not survive long in water and are probably not enumerated quantitatively. For purposes of water examination, enterococci can be regarded as indicators of faecal pollution. However it should be noted that some enterococci found in water can occasionally also originate from other habitats.