
**Kakovost vode - Ugotavljanje števila Escherichia coli in koliformnih bakterij - 2.
del: Metoda najverjetnejšega števila (ISO/DIS 9308-2:2026)**

Water quality - Enumeration of Escherichia coli and coliform bacteria - Part 2: Most probable number method (ISO/DIS 9308-2:2026)

Wasserbeschaffenheit - Zählung von Escherichia coli und coliformen Bakterien - Teil 2: Verfahren zur Bestimmung der wahrscheinlichsten Keimzahl (ISO/DIS 9308-2:2026)

Qualité de l'eau - Dénombrement des Escherichia coli et des bactéries coliformes - Partie 2: Méthode du nombre le plus probable (ISO/DIS 9308-2:2026)

Ta slovenski standard je istoveten z: **prEN ISO 9308-2**

ICS:

07.100.20	Mikrobiologija vode	Microbiology of water
13.060.01	Kakovost vode na splošno	Water quality in general

oSIST prEN ISO 9308-2:2026

en,fr,de

Sample Document

get full document from standards.iteh.ai



DRAFT International Standard

ISO/DIS 9308-2

Water quality — Enumeration of *Escherichia coli* and coliform bacteria —

Part 2: Most probable number method

*Qualité de l'eau — Dénombrement des *Escherichia coli* et des
bactéries coliformes —*

Partie 2: Méthode du nombre le plus probable

ICS: 07.100.20

ISO/TC 147/SC 4

Secretariat: DIN

Voting begins on:
2026-03-31

Voting terminates on:
2026-06-23

This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING

Reference number
ISO/DIS 9308-2:2026(en)

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENTS AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

© ISO 2026

Sample Document

get full document from standards.iteh.ai



COPYRIGHT PROTECTED DOCUMENT

© ISO 2026

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

© ISO 2026 – All rights reserved

ISO/DIS 9308-2:2026(en)

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus and glassware	2
6 Culture medium and reagents	3
6.1 General.....	3
6.2 Culture medium.....	3
6.3 Diluent.....	3
6.4 Antifoam Reagent.....	3
6.5 Colour/fluorescence control.....	3
7 Procedure	3
7.1 Preparation of the sample.....	3
7.2 Inoculation of media.....	4
7.3 Incubation and differentiation.....	4
7.3.1 Examination of results.....	4
8 Expression of results	4
9 Test report	4
10 Quality assurance	5
Annex A (informative) Further microbiological information on coliform bacteria	6
Annex B (normative) The Tray Sealer and calculation of results	7
Annex C (normative) Composition of the medium	11
Annex D (informative) Performance characteristics of the method for the detection of <i>E .coli</i> and coliform bacteria from water generated in two laboratories	13
Bibliography	14

ISO/DIS 9308-2:2026(en)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 4, *Microbiological methods*.

This third edition cancels and replaces the second edition (ISO 9308-2:2012), which has been technically revised.

The main changes compared to the previous edition are as follows:

- Removal of specific trademarks and names of manufacturers to generic terms where appropriate.
- Change to quality control cultures
- In Clause 11, criteria for the performance testing of culture media have been added.
- Change to the definitions of “coliform bacterium” and *E. coli*

A list of all parts in the ISO 9308 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

ISO/DIS 9308-2:2026(en)**Introduction**

The presence and extent of faecal pollution is an important factor in assessing the quality of a body of water and the risk to human health from infection. Examination of water samples for the presence of *Escherichia coli* (*E. coli*), which normally inhabits the gastrointestinal tract of warm-blooded animals, including humans, provides an indication of such pollution. Examination for coliform bacteria can be more difficult to interpret because some strains of coliform bacteria live in soil and fresh surface water and are not always intestinal. The presence of coliform bacteria, although not a proof of faecal contamination, may indicate a failure in treatment, regrowth or ingress of water into the distribution system.

Sample Document

get full document from standards.iteh.ai