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AMENDMENT 2
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Microbiology of food, animal feed and water — Preparation, production, storage and performance testing of culture media

AMENDMENT 2

Microbiologie des aliments, des aliments pour animaux et de l'eau — Préparation, production, stockage et essais de performance des milieux de culture

AMENDEMENT 2

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Foreword

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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).

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This document was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 9, *Microbiology*, in collaboration with Technical Committee ISO/TC 147, *Water quality*, Subcommittee SC 4, *Microbiological methods*, and in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 463, *Microbiology of the food chain*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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.

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End of 5.2 (before the NOTE)

Add the following sentence:

Annex K gives the test microorganisms to be used for confirmation media and reagents in specified food and water microbiology International Standards.

5.4.1, first sentence

Replace the sentence with the following text:

Suitable microorganisms for routine performance testing are listed in Annexes E, F and K.

End of 6.6.1

Add the following sentence:

Suitable test organisms are described in Annex K.

6.6.2, after the second sentence

Add the following sentence:

Suitable test organisms are described in Annex K.

Annex K

Add the following text as a new annex.

Annex K
(normative)

Performance testing of confirmation media and reagents

This annex specifies control strains for the performance testing of confirmation and characterization media, reagents, dyes, stains and materials described in standards for the microbiological examination of samples from the food chain and water.

For the microbiological media and reagents under test, the inoculum used is a subculture of an isolated colony. Therefore, the method of performance testing for these products is qualitative.

The shortest permissible incubation time specified in the relevant International Standard for the confirmation or characterization test should be used for the positive control organism(s), while the longest permissible incubation time should be used for the negative control organism(s).

The strains chosen in Table K.1 have been selected preferentially from those already cited in this document. If a suitable strain was not available from this source, a strain from the catalogue of organisms compiled by the World Data Centre for Microorganisms (WDCM)[20] has been selected.

In most cases, more than one control strain has been listed in Table K.1 for both positive and negative reactions. The user may choose any of the strains cited for positive and negative reactions.

If control strains for performance testing of confirmation or characterization media, reagents, dyes, stains and materials are already specified in the International Standard, for example, as in ISO 10272-1 and ISO 10272-2 (*Campylobacter)* and ISO 10273 (*Yersinia enterocolitica*), they have not been included in Table K.1. In addition, serological reagents have not been included.

If commercially sourced media or reagents are used, follow the manufacturer's instructions, including time, temperature and conditions of performance. If the instructions do not include control strains, choose a positive and a negative strain from Table K.1. See Clause 6 for requirements.