

**SLOVENSKI STANDARD**  
**SIST EN ISO 11290-2:1999/A1:2005**  
**01-januar-2005**

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**Mikrobiologija živil in krme - Horizontalna metoda za ugotavljanje prisotnosti in števila *Listeria monocytogenes* - 2. del: Metoda za ugotavljanje števila - Dopnilo 1: Modifikacija medija za ugotavljanja števila (ISO 11290-2:1998/AM1:2004)**

Microbiology of food and animal feeding stuffs - Horizontal method for the detection and enumeration of *Listeria monocytogenes* - Part 2: Enumeration method - Amendment 1: Modification of the enumeration medium (ISO 11290-2:1998/AM1:2004)

**iTeh STANDARD PREVIEW**

Mikrobiologie von Lebensmitteln und Futtermitteln - Horizontales Verfahren für den Nachweis und die Zählung von *Listeria monocytogenes* - Teil 2: Zählverfahren - Änderung 1: Veränderung des Zählmediums (ISO 11290-2:1998/FDAM 1)

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Microbiologie des aliments - Méthode horizontale pour la recherche et le dénombrement de *Listeria monocytogenes* - Partie 2: Méthode de dénombrement - Amendement 1: Modification du milieu d'isolement (ISO 11290-2:1998/AM1:2004)

**Ta slovenski standard je istoveten z: EN ISO 11290-2:1998/A1:2004**

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**ICS:**

07.100.30      Mikrobiologija živil      Food microbiology

**SIST EN ISO 11290-2:1999/A1:2005      en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 11290-2:1998/A1**

October 2004

ICS 07.100.30

English version

**Microbiology of food and animal feeding stuffs - Horizontal  
method for the detection and enumeration of Listeria  
monocytogenes - Part 2: Enumeration method - Amendment 1:  
Modification of the enumeration medium (ISO 11290-  
2:1998/AM1:2004)**

Microbiologie des aliments - Méthode horizontale pour la  
recherche et le dénombrement de Listeria monocytogenes  
- Partie 2: Méthode de dénombrement - Amendement 1:  
Modification du milieu d'isolement (ISO 11290-  
2:1998/AM1:2004)

Mikrobiologie von Lebensmitteln und Futtermitteln -  
Horizontales Verfahren für den Nachweis und die Zählung  
von Listeria monocytogenes - Teil 2: Zählverfahren -  
Änderung 1: Veränderung des Zählmediums (ISO 11290-  
2:1998/AM1:2004)

This amendment A1 modifies the European Standard EN ISO 11290-2:1998, it was approved by CEN on 30 September 2004.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

**EN ISO 11290-2:1998/A1:2004 (E)****Foreword**

This document (EN ISO 11290-2:1998/A1:2004) has been prepared by Technical Committee ISO/TC 34 "Agricultural food products" in collaboration with Technical Committee CEN/TC 275 "Food analysis - Horizontal methods", 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 April 2005, and conflicting national standards shall be withdrawn at the latest by April 2005.

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

**Endorsement notice**

The text of ISO 11290-2:1998 has been approved by CEN as EN ISO 11290-2:1998/A1:2004 without any modifications.

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# INTERNATIONAL STANDARD

# ISO 11290-2

First edition  
1998-07-01

**AMENDMENT 1**  
2004-10-15

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## Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of *Listeria monocytogenes* —

Part 2:

**Enumeration method**

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**AMENDMENT 1: Modification of the  
enumeration medium**

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*Microbiologie des aliments — Méthode horizontale pour la recherche et  
le dénombrement de Listeria monocytogenes —*

*Partie 2: Méthode de dénombrement*

*AMENDEMENT 1: Modification du milieu d'isolement*



Reference number  
ISO 11290-2:1998/Amd.1:2004(E)

**ISO 11290-2:1998/Amd.1:2004(E)****PDF disclaimer**

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## 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.

Amendment 1 to ISO 11290-2:1998 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 9, *Microbiology*.

The enumeration medium has been modified.

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# Microbiology of food and animal feeding stuffs — Horizontal method for the detection and enumeration of *Listeria monocytogenes* —

## Part 2: Enumeration method

### AMENDMENT 1: Modification of the enumeration medium

Throughout the whole text of this part of ISO 11290:

- Change “PALCAM” to “Agar *Listeria* according to Ottaviani and Agosti”.
- Change the incubation temperature to 37 °C. (No choice is given between 35 °C and 37 °C.)

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Page 3

Replace item 6.4 by the following: [SIST EN ISO 11290-2:1999/A1:2005](https://standards.iteh.ai/catalog/standards/sist/5cdd047e-138c-4c32-bbaa-60071905540/sist-en-iso-11290-2-1999-a1-2005)

**6.4 Water bath**, capable of being maintained at 44 °C to 47 °C  
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Page 4, Subclause 9.2.3

Delete the 2nd sentence.

Page 5, Subclauses 9.3.2 and 9.3.3

Delete these subclauses and replace them by the following:

**9.3.2** Consider as *L. monocytogenes* the green-blue colonies surrounded by an opaque halo (typical colonies). If growth is slight, or if no colony is observed, or if no typical colony is present after 24 h ± 3 h of incubation, re-incubate the plates for a further 24 h ± 3 h.

NOTE 1 Some strains of *L. monocytogenes* show a very weak halo (even no halo) in cases of stress, in particular acid stress.

NOTE 2 Some *L. monocytogenes* are characterized by a slow PIPLC (phosphatidyl inositol phospholipase C) activity. Such bacteria are detected when the total duration of incubation is more than, for example, 4 days. Some of these strains could be pathogenic (see Reference [1]).

Renumber 9.3.4 as 9.3.3.