

### SLOVENSKI STANDARD SIST EN ISO 6888-3:2003

01-maj-2003

Mikrobiologija živil in krme - Horizontalna metoda za ugotavljanje števila koagolaza pozitivnih stafilokokov (Staphylococcus aureus in druge vrste) - 3. del: Ugotavljanje prisotnosti in MPN-tehnika pri majhnem številu (ISO 6888-3:2003)

Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 3: Detection and MPN technique for low numbers (ISO 6888-3:2003)

iTeh STANDARD PREVIEW

Mikrobiologie von Lebensmitteln und Futtermitteln - Horizontales Verfahren für die Zählung von koagulase-positiven Staphylokokken (Staphylococcus aureus und andere Species) - Teil 3: Nachweis und MPN-Verfahren für niedrige Keimzahlen (ISO 6888-3:2003)

SISTEN ISO 6888-3:2003

https://standards.iteh.ai/catalog/standards/sist/8c5bf719-9347-4475-9f84-746cd6063886/sist-en-iso-6888-3-2003

Microbiologie des aliments - Méthode horizontale pour le dénombrement des staphylocoques a coagulase positive (Staphylococcus aureus et autres especes) - Partie 3: Recherche et méthode NPP pour les faibles nombres (ISO 6888-3:2003)

Ta slovenski standard je istoveten z: EN ISO 6888-3:2003

ICS:

07.100.30 Mikrobiologija živil Food microbiology

SIST EN ISO 6888-3:2003 en

**SIST EN ISO 6888-3:2003** 

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 6888-3:2003

https://standards.iteh.ai/catalog/standards/sist/8c5bf719-9347-4475-9f84-746cd6063886/sist-en-iso-6888-3-2003

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM **EN ISO 6888-3** 

March 2003

ICS 07.100.30

### **English version**

Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) - Part 3: Detection and MPN technique for low numbers (ISO 6888-3:2003)

Microbiologie des aliments - Méthode horizontale pour le dénombrement des staphylocoques à coagulase positive (Staphylococcus aureus et autres espèces) - Partie 3: Recherche et méthode NPP pour les faibles nombres (ISO 6888-3:2003) Mikrobiologie von Lebensmitteln und Futtermitteln -Horizontales Verfahren für die Zählung von koagulasepositiven Staphylokokken (Staphylococcus aureus und andere Species) - Teil 3: Nachweis und MPN-Verfahren für niedrige Keimzahlen (ISO 6888-3:2003)

This European Standard was approved by CEN on 28 February 2003.

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 Management Centre 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 Management Centre has the same status as the official versions.

https://standards.iteh.ai/catalog/standards/sist/8c5bf719-9347-4475-9f84-

CEN members are the national standards bodies of Austria; Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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

EN ISO 6888-3:2003 (E)

**CORRECTED 2003-05-14** 

### **Foreword**

This document (EN ISO 6888-3:2003) 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 September 2003, and conflicting national standards shall be withdrawn at the latest by September 2003.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

### **Endorsement notice**

The text of ISO 6888-3:2003 has been approved by CEN as EN ISO 6888-3:2003 without any modifications. (standards.iteh.ai)

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

https://standards.iteh.ai/catalog/standards/sist/8c5bf719-9347-4475-9f84-746cd6063886/sist-en-iso-6888-3-2003

EN ISO 6888-3:2003 (E)

### Annex ZA (normative)

### Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 6887-1	1999 <b>iTe</b>	Microbiology of food and animal feeding stuffs — Preparation of test samples, initial suspension and decimal dilutions for microbiological examination — Part: 1: General rules for the preparation of the initial suspension and decimal dilutions	EN ISO 6887-1	1999
ISO 6888-1	1999 https://stan	Microbiology of food and animal feeding stuffs Horizontal method dor the enumeration of coagulase 9-934 positive staphylococci-iso-6888-3-2003 (Staphylococcus aureus and other species) — Part 1: Technique using Baird-Parker agar medium	EN ISO 6888-1 7-4475-9f84-	1999
ISO 6888-2	1999	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> and other species) — Part 2: Technique using rabbit plasma fibrinogen agar medium	EN ISO 6888-2	1999
ISO 8261	2001	Milk and mild products — General guidance for the preparation of test samples, initial suspensions and decimal dilutions for microbiological examination	EN ISO 8261	2001
ISO/TR 11133-1	2000	Microbiology of food and animal feeding stuffs — Guidelines on preparation and production of culture media — Part 1: General guidelines on quality assurance for the preparation of culture media in the laboratory	ENV ISO 11133-1	2000

**SIST EN ISO 6888-3:2003** 

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 6888-3:2003

https://standards.iteh.ai/catalog/standards/sist/8c5bf719-9347-4475-9f84-746cd6063886/sist-en-iso-6888-3-2003

# INTERNATIONAL STANDARD

ISO 6888-3

First edition 2003-03-15

Corrected version 2004-01-15

Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) —

# Teh STRattBARD PREVIEW Detection and MPN technique for low numbers

SIST EN ISO 6888-3:2003

https://standards.iteh.Microbiologie des aliments— Méthode horizontale pour le 746 dénombrement des staphylocoques à coagulase positive (Staphylococcus aureus et autres espèces) —

Partie 3: Recherche et méthode NPP pour les faibles nombres



Reference number ISO 6888-3:2003(E)

ISO 6888-3:2003(E)

#### 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.

# iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST EN ISO 6888-3:2003</u> https://standards.iteh.ai/catalog/standards/sist/8c5bf719-9347-4475-9f84-746cd6063886/sist-en-iso-6888-3-2003

#### © ISO 2003

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 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

# Contents Page Foreword .......iv

Forew	word	iv
Introd	duction	v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4 4.1 4.2	Principle Detection method Enumeration method	2
5	Diluents and culture media	3
6	Apparatus	6
7	Sampling	6
8	Preparation of test sample	6
9 9.1 9.2 9.3	Procedure  Detection method en STANDARD PREVIEW  Enumeration method	7 8
10 10.1 10.2	Expression of results	9 9 9
11	746cd6063886/sist-en-iso-6888-3-2003 <b>Precision</b>	10
12	Test report	10
Biblio	ography	11

ISO 6888-3:2003(E)

### **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.

ISO 6888-3 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 9, *Microbiology*.

ISO 6888 consists of the following parts, under the general title *Microbiology* of food and animal feeding stuffs — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species):

- Part 1: Technique using Baird-Parker agar medium ISO 6888-3:2003 https://standards.iteh.ai/catalog/standards/sist/8c5bf719-9347-4475-9f84-
- Part 2: Technique using rabbit plasma fibrinogen agar medium 88-3-2003
- Part 3: Detection and MPN technique for low numbers

This corrected version of ISO 6888-3:2003 incorporates the following correction:

### Subclause 9.1.1

The second paragraph has been amended to resolve any ambiguity.

ISO 6888-3:2003(E)

### Introduction

Because of the large variety of food and feed products, this horizontal method may not be appropriate in every detail for certain products. In this case, different methods, which are specific to these products, may be used if absolutely necessary for justified technical reasons. Nevertheless, every attempt should be made to apply this horizontal method as far as possible.

When this part of ISO 6888 is next reviewed, account will be taken of all information then available regarding the extent to which this horizontal method has been followed and the reasons for deviations from this method in the case of particular products.

The harmonization of test methods cannot be immediate and, for certain groups of products, International Standards and/or national standards may already exist that do not comply with this horizontal method. It is hoped that when such standards are reviewed they will be changed to comply with this part of ISO 6888 so that eventually the only remaining departures from this horizontal method will be those necessary for well-established technical reasons.

## iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST EN ISO 6888-3:2003</u> https://standards.iteh.ai/catalog/standards/sist/8c5bf719-9347-4475-9f84-746cd6063886/sist-en-iso-6888-3-2003