საქართველოს სტანდარტი

სურსათისა და ცხოველთა საკვების მიკრობიოლოგია - ბეტაგლუკურონიდაზა-დადებითი *Escherichia coli* -ს რაოდენობის განსაზღვრის ჰორიზონტალური მეთოდი ნაწილი 3 : გამოვლენა და უალბათესი რიცხვის მეთოდი 5-ბრომ-4-ქლორ-3-ინდოლილ-β -D-გლუკურონიდის გამოყენებით

საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტო თბილისი

სსტ ისო 16649-3:2015/2016

საინფორმაციო მონაცემები

- 1 დამტკიცებულია და შემოღებულია სამოქმედოდ საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს 2016 წლის 1 აპრილის \mathbb{N}° 26 და 2016 წლის 1 თებერვლის \mathbb{N}° 7 განკარგულებებით

3 პირველად

4 რეგისტრირებულია საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2016 წლის 1 აპრილი №268-1.3-8517

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INTERNATIONAL STANDARD

ISO 16649-3

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Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidasepositive *Escherichia coli* —

Part 3:

Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-ß-D-glucuronide

Microbiologie de la chaîne alimentaire — Méthode horizontale pour le dénombrement des Escherichia coli bêta-glucuronidase positive —

Partie 3: Recherche et technique du nombre le plus probable utilisant le bromo-5-chloro-4-indolyl-3 ß-D-glucuronate





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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.

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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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information.

The committee responsible for this document is ISO/TC 34, *Food products*, Subcommittee SC 9, *Microbiology*.

This first edition cancels and replaces ISO/TS 16649-3:2005, which has been technically revised.

ISO 16649 consists of the following parts, under the general title Microbiology of the food chain — Horizontal method for the enumeration of β -glucuronidase positive Escherichia coli:

- Part 1: Colony-count technique at 44 °C using membranes and 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
- Part 2: Colony-count technique at 44 °C using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide
- Part 3: Detection and most probable number technique using 5-bromo-4-chloro-3-indolyl-β-D-glucuronide

Introduction

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

When this part of ISO 16649 is next reviewed, account will be taken of all information 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 might 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 16649 so that eventually, the only remaining departures will be those necessary for well-established technical reasons.