

# SLOVENSKI STANDARD SIST EN ISO 11816-1:2014

01-januar-2014

Nadomešča:

SIST EN ISO 11816-1:2006

Mleko in mlečni proizvodi - Določevanje aktivnosti alkalne fosfataze - 1. del: Fluorimetrijska metoda za mleko in pijače na osnovi mleka (ISO 11816-1:2013)

Milk and milk products - Determination of alkaline phosphatase activity - Part 1: Fluorimetric method for milk and milk-based drinks (ISO 11816-1:2013)

Milch und Milchprodukte - Bestimmung der Aktivität der alkalischen Phosphatase - Teil 1: Fluorimetrisches Verfahren für Milch und flüssige Milchprodukte (ISO 11816-1:2013)

Lait et produits laitiers - Détermination de l'activité de la phosphatase alcaline - Partie 1: Méthode fluorimétrique/pour le lait et les boissons à base de lait (ISO 1816-1:2013) e535a39530f2/sist-en-iso-11816-1-2014

Ta slovenski standard je istoveten z: EN ISO 11816-1:2013

ICS:

67.100.10 Mleko in predelani mlečni

proizvodi

Milk and processed milk

products

SIST EN ISO 11816-1:2014

en

**SIST EN ISO 11816-1:2014** 

# iTeh STANDARD PREVIEW (standards.iteh.ai)

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# EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

**EN ISO 11816-1** 

November 2013

ICS 67.100.10

Supersedes EN ISO 11816-1:2006

#### **English Version**

Milk and milk products - Determination of alkaline phosphatase activity - Part 1: Fluorimetric method for milk and milk-based drinks (ISO 11816-1:2013)

Lait et produits laitiers - Détermination de l'activité de la phosphatase alcaline - Partie 1: Méthode fluorimétrique pour le lait et les boissons à base de lait (ISO 11816-1:2013)

Milch und Milcherzeugnisse - Bestimmung der Aktivität der alkalischen Phosphatase - Teil 1: Fluorimetrisches Verfahren für Milch und flüssige Milchprodukte (ISO 11816-1:2013)

This European Standard was approved by CEN on 14 September 2013.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

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EN ISO 11816-1:2013 (E)

#### **Foreword**

This document (EN ISO 11816-1:2013) has been prepared by Technical Committee ISO/TC 34 "Food products" in collaboration with Technical Committee CEN/TC 302 "Milk and milk products - Methods of sampling and analysis" the secretariat of which is held by NEN.

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 May 2014, and conflicting national standards shall be withdrawn at the latest by May 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 11816-1:2006.

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

## iTeh STANDARD PREVIEW

(stan Endorsement riotice)

The text of ISO 11816-1:2013 has been approved by CEN as EN ISO 11816-1:2013 without any modification. SIST EN ISO 11816-1:2014

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INTERNATIONAL STANDARD

ISO 11816-1

> IDF 155-1

> > Third edition 2013-11-01

Milk and milk products — Determination of alkaline phosphatase activity —

Part 1:

Fluorimetric method for milk and milk-based drinks iTeh STANDARD PREVIEW

S Lait et produits laitiers — Détermination de l'activité de la phosphatase alcaline —

Partie 1: Méthode fluorimétrique pour le lait et les boissons à base de lait

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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. 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. 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.

The committee responsible for this document is ISO/TC 34, *Food products*, Subcommittee SC 5, *Milk and milk products*, and the International Dairy Federation (IDF). It is being published/jointly by ISO and IDF.

This third edition of ISO 11816-1|IDF 155-1 cancels and replaces the second edition (ISO 11816-1:2006), which has been technically revised.

ISO 11816|IDF 155 consists of the following sparts Sunder the general title *Milk and milk products* — *Determination of alkaline phosphataselactivity* talog/standards/sist/444709b3-c790-4ba0-8d02-

e535a39530f2/sist-en-iso-11816-1-2014

- Part 1: Fluorimetric method for milk and milk-based drinks
- Part 2: Fluorimetric method for cheese

### **Foreword**

**IDF (the International Dairy Federation)** is a non-profit organization representing the dairy sector worldwide. IDF membership comprises National Committees in every member country as well as regional dairy associations having signed a formal agreement on cooperation with IDF. All members of IDF have the right to be represented on the IDF Standing Committees carrying out the technical work. IDF collaborates with ISO in the development of standard methods of analysis and sampling for milk and milk products.

The main task of Standing Committees is to prepare International Standards. Draft International Standards adopted by the Standing Committees are circulated to the National Committees for endorsement prior to publication as an International Standard. Publication as an International Standard requires approval by at least  $50\,\%$  of IDF National Committees casting a vote.

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ISO 11816-1|IDF 155-1 was prepared by the International Dairy Federation (IDF) and Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 5, *Milk and milk products*. It is being published jointly by IDF and ISO.

All work was carried out by the Joint ISO-IDF Project Group on *Determination of alkaline phosphatase* activity – fluorimetric method, of the Standing Committee on *Analytical Methods for Processing Aids and Indicators*, under the aegis of its project leader, Ms. Eileen Garry (USA).

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ISO 11816|IDF 155 consists of the following parts; under the general title Milk and milk products — Determination of alkaline phosphatase activity: en-iso-11816-1-2014

- Part 1: Fluorimetric method for milk and milk-based drinks
- Part 2: Fluorimetric method for cheese