



SLOVENSKI STANDARD
SIST EN ISO 14673-2:2004

01-maj-2004

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Milk and milk products - Determination of nitrate and nitrite contents - Part 2: Method using segmented flow analysis (Routine method) (ISO 14673-2:2004)

Milch und Milchprodukte - Bestimmung des Nitrat- und Nitritgehaltes - Teil 2: Verfahren mit segmentierter Fließanalyse (Routineverfahren) (ISO 14673-2:2004)

Lait et produits laitiers - Détermination des teneurs en nitrates et en nitrites - Partie 2: Méthode d'analyse par flux continus segmentés (Méthode de routine) (ISO 14673-2:2004)

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Ta slovenski standard je istoveten z: EN ISO 14673-2:2004

ICS:

67.100.01 T | ^ \ [Á Á | ^ } ã | [ã ç [ã ã æ Milk and milk products in
•] [z] [general

SIST EN ISO 14673-2:2004

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14673-2

February 2004

ICS 67.100.10

Supersedes EN ISO 14673-2:2001

English version

Milk and milk products - Determination of nitrate and nitrite contents - Part 2: Method using segmented flow analysis (Routine method) (ISO 14673-2:2004)

Lait et produits laitiers - Détermination des teneurs en nitrates et en nitrites - Partie 2: Méthode d'analyse par flux continu segmentés (Méthode de routine) (ISO 14673-2:2004)

Milch und Milchprodukte - Bestimmung des Nitrat- und Nitritgehaltes - Teil 2: Verfahren mit segmentierter Fließanalyse (Routineverfahren) (ISO 14673-2:2004)

This European Standard was approved by CEN on 2 February 2004.

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 Central Secretariat 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 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.



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

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

EN ISO 14673-2:2004 (E)

CORRECTED 2004-02-25

Foreword

This document (EN ISO 14673-2:2004) has been prepared by Technical Committee ISO/TC 34 "Agricultural 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 August 2004, and conflicting national standards shall be withdrawn at the latest by August 2004.

This document supersedes EN ISO 14673-2:2001.

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.

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The text of ISO 14673-2:2004 has been approved by CEN as EN ISO 14673-2:2004 without any modifications.

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

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 1042	1998	Laboratory glassware - One-mark volumetric flasks	EN ISO 1042	1999

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INTERNATIONAL
STANDARD

ISO
14673-2

IDF
189-2

Second edition
2004-02-01

**Milk and milk products — Determination
of nitrate and nitrite contents —**

**Part 2:
Method using segmented flow analysis
(Routine method)**

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*Lait et produits laitiers — Détermination des teneurs en nitrates et en
nitrites*

*Partie 2: Méthode d'analyse par flux continu segmentés (Méthode de
routine)* ISO 14673-2:2004

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Reference numbers
ISO 14673-2:2004(E)
IDF 189-2:2004(E)

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IDF 189-2:2004(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 14673-2|IDF 189-2 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 5, *Milk and milk products*, and the International Dairy Federation (IDF), in collaboration with AOAC International. It is being published jointly by ISO and IDF and separately by AOAC International.

This second edition cancels and replaces the first (ISO 14673-2|IDF 189-2:2001), of which it constitutes a minor revision.

ISO 14673|IDF 189 consists of the following parts, under the general title *Milk and milk products — Determination of nitrate and nitrite contents*:

- *Part 1: Method using cadmium reduction and spectrometry*
- *Part 2: Method using segmented flow analysis (Routine method)*
- *Part 3: Method using cadmium reduction and flow injection analysis with in-line dialysis (Routine method)*

Foreword

IDF (the International Dairy Federation) is a worldwide federation of the dairy sector with a National Committee in every member country. Every National Committee has the right to be represented on the IDF Standing Committees carrying out the technical work. IDF collaborates with ISO and AOAC International in the development of standard methods of analysis and sampling for milk and milk products.

Draft International Standards adopted by the Action Teams and Standing Committees are circulated to the National Committees for voting. Publication as an International Standard requires approval by at least 50 % of the National Committees casting a vote.

ISO 14673-2|IDF 189-2 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 5, *Milk and milk products*, and the International Dairy Federation (IDF), in collaboration with AOAC International. It is being published jointly by ISO and IDF and separately by AOAC International.

All work was carried out by the Joint ISO/IDF/AOAC Action Team, *Minerals and minor compounds*, of the Standing Committee on *Minor components characterization of physical properties*, under the aegis of its project leader, Mr G. Bråthen (NO).

This second edition, together with ISO 14673-1|IDF 189-1 and ISO 14673-3|IDF 189-3, cancels and replaces IDF 84A:1984, IDF 95A:1982, IDF 96A:1987, IDF 97A:1985 and IDF 120:1984, which have been technically revised.

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