



**SLOVENSKI STANDARD**  
**SIST EN ISO 14891:2002**  
**01-september-2002**

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Milk and milk products - Determination of nitrogen content - Routine method using  
 combustion according to the Dumas principle (ISO 14891:2002)

Milch und Milchprodukte - Bestimmung des Stickstoffgehaltes - Verbrennungsverfahren  
 nach Dumas (Routineverfahren) (ISO 14891:2002)

Lait et produits laitiers - Détermination de la teneur en azote - Méthode pratique par  
 combustion selon le principe de Dumas (ISO 14891:2002)

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**Ta slovenski standard je istoveten z: EN ISO 14891:2002**

**ICS:**

67.100.01 T | ^ \ [ / 4 Á | ^ } ã ! [ ã ç [ å ã æ Milk and milk products in  
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**SIST EN ISO 14891:2002**

**en**

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EUROPEAN STANDARD

EN ISO 14891

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2002

ICS 67.100.01

English version

## Milk and milk products - Determination of nitrogen content - Routine method using combustion according to the Dumas principle (ISO 14891:2002)

Lait et produits laitiers - Détermination de la teneur en  
azote - Méthode pratique par combustion selon le principe  
de Dumas (ISO 14891:2002)

Milch und Milchprodukte - Bestimmung des  
Stickstoffgehaltes - Verbrennungsverfahren nach Dumas  
(Routineverfahren) (ISO 14891:2002)

This European Standard was approved by CEN on 1 March 2002.

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.

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

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

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

EN ISO 14891:2002 (E)

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## Foreword

This document (ISO 14891:2002) 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 September 2002, and conflicting national standards shall be withdrawn at the latest by September 2002.

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

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### Endorsement notice

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The text of the International Standard ISO 14891:2002 has been approved by CEN as a European Standard without any modifications.

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/HD</u>	<u>Year</u>
ISO 8968-1	2001	Milk - Determination of nitrogen content - Part 1: Kjeldahl method	EN ISO 8968-1	2001

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STANDARD

ISO  
14891

IDF  
185

First edition  
2002-03-01

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**Milk and milk products — Determination of  
nitrogen content — Routine method using  
combustion according to the Dumas  
principle**

*Lait et produits laitiers — Détermination de la teneur en azote — Méthode  
pratique par combustion selon le principe de Dumas*

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Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.ch](mailto:copyright@iso.ch)  
Web [www.iso.ch](http://www.iso.ch)

International Dairy Federation  
41 Square Vergote • B-1030 Brussels  
Tel. + 32 2 733 98 88  
Fax + 32 2 733 04 13  
E-mail [info@fil-idf.org](mailto:info@fil-idf.org)  
Web [www.fil-idf.org](http://www.fil-idf.org)

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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 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 14891 | IDF 185 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.

Annexes A, B, C and D are for information only.

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## 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 National Committees casting a vote.

International Standard ISO 14891/IDF 185 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, *Nitrogen compounds*, of the Standing Committee, *Main compounds of milk*, under the aegis of its project leader, Prof. H. Frister (DE).

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