

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

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

The European Standard EN ISO 14673-2:2001 has the status of a
British Standard

ICS 67.100

National foreword

This British Standard is the official English language version of EN ISO 14673-2:2001. It is identical with ISO 14673-2:2001

The UK participation in its preparation was entrusted to Technical Committee AW/5, Chemical analysis of milk and milk products, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, EN ISO foreword page, ISO title page, pages ii to v, a blank page, pages 1 to 14, the Annex ZA page and a back cover.

The BSI copyright date displayed in this document indicates when the document was last issued.

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English version

Milk and milk products - Determination of nitrate and nitrite
contents - Part 2: Method using segmented flow analysis
(Routine method) (ISO 14673-2:2001)

Lait et produits laitiers - Détermination des teneurs en
nitrates et en nitrites - Partie 2: Méthode par analyse
d'écoulement segmenté (Méthode de routine) (ISO 14673-
2:2001)

Milch und Milchprodukte - Bestimmung des Nitrat- und
Nitritgehaltes - Teil 2: Verfahren mit segmentierter
Fließanalyse (Routineverfahren) (ISO 14673-2:2001)

This European Standard was approved by CEN on 1 November 2001.

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, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

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Foreword

This document (ISO 14673-2:2001) 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 May 2002, and conflicting national standards shall be withdrawn at the latest by May 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, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 14673-2:2001 has been approved by CEN as a European Standard without any modifications.

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

INTERNATIONAL
STANDARD

ISO
14673-2

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189-2

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

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

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

*Partie 2: Méthode par analyse d'écoulement segmentée (Méthode de
routine)*



Reference numbers
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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.

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 part of ISO 14673|IDF 189 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard 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 first edition of ISO 14673-2|IDF 189-2, together with ISO 14673-1|IDF 189-1 and ISO 14673-3|IDF 189-3, cancels and replaces ISO 4099:1984, ISO 6736:1982, ISO 6739:1988, ISO 6740:1985 and ISO 8195:1987, which have been technically revised.

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)*