



SLOVENSKI STANDARD
SIST EN ISO 8968-2:2002

01-junij-2002

A`Y_c`!'8c`c Yj Ub^Y Xi y]_ U!`&"XY.`A YrcXUfUh_fc`Uj `YY_fj] bYa `Vc_i `fAU_fc
a YrcXU`fIGC`, - *, !& &\$%&

Milk - Determination of nitrogen content - Part 2: Block-digestion method (Macro method)
(ISO 8968-2:2001)

Milch - Bestimmung des Stickstoffgehaltes - Teil 2: Blockaufschluss-Verfahren
(Makroverfahren) (ISO 8968-2:2001)

Lait - Détermination de la teneur en azote - Partie 2: Méthode de minéralisation en bloc
(Méthode macro) (ISO 8968-2:2001)

<https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002>
(standards.iteh.ai)

Ta slovenski standard je istoveten z: **EN ISO 8968-2:2001**

ICS:

67.100.10	T \[/ Á !^â^ æ ä ^ }ã]! ã ç åã	Milk and processed milk products
-----------	--	-------------------------------------

SIST EN ISO 8968-2:2002

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 8968-2:2002](#)

<https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 8968-2

December 2001

ICS 67.100.10

English version

Milk - Determination of nitrogen content - Part 2: Block-digestion method (Macro method) (ISO 8968-2:2001)

Lait - Détermination de la teneur en azote - Partie 2:
Méthode de minéralisation en bloc (Méthode macro) (ISO
8968-2:2001)

Milch - Bestimmung des Stickstoffgehaltes - Teil 2:
Blockaufschluss-Verfahren (Makroverfahren) (ISO 8968-
2:2001)

This European Standard was approved by CEN on 15 December 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.

SIST EN ISO 8968-2:2002

<https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002>



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

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

EN ISO 8968-2:2001 (E)

CORRECTED 2002-03-13

Foreword

This document (ISO 8968-2:2001) 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 June 2002, and conflicting national standards shall be withdrawn at the latest by June 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 8968-2:2001 has been approved by CEN as a European Standard without any modifications.

ITeH STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 8968-2:2002](https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002)

<https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002>

INTERNATIONAL
STANDARD

ISO
8968-2

IDF
20-2

First edition
2001-12-15

**Milk — Determination of nitrogen
content —**
Part 2:
Block-digestion method (Macro method)

*Lait — Détermination de la teneur en azote —
Partie 2: Méthode de minéralisation en bloc (Méthode macro)*
(standards.iteh.ai)

[SIST EN ISO 8968-2:2002](https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002)

<https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002>



Reference numbers
ISO 8968-2:2001(E)
IDF 20-2:2001(E)

© ISO and IDF 2001

ISO 8968-2:2001(E)
IDF 20-2:2001(E)**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. Neither the ISO Central Secretariat nor the IDF accepts any liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies and IDF national committees. In the unlikely event that a problem relating to it is found, please inform the ISO Central Secretariat at the address given below.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 8968-2:2002](https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002)

<https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002>

© ISO and IDF 2001

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO or IDF at the respective address below.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.ch
Web 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
Web www.fil-idf.org

Printed in Switzerland

Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative reference	1
3 Term and definition	1
4 Principle.....	1
5 Reagents.....	2
6 Apparatus	3
7 Sampling.....	3
8 Preparation of test sample.....	3
9 Procedure	4
9.1 Test portion and pretreatment	4
9.2 Determination.....	4
9.3 Blank test.....	5
9.4 Recovery tests	6
10 Calculation and expression of results.....	7
10.1 Calculation of nitrogen content	7
10.2 Calculation of crude protein content.....	7
11 Precision.....	8
11.1 Interlaboratory test.....	8
11.2 Repeatability	8
11.3 Reproducibility.....	8
12 Test report	8
Bibliography.....	9

iTeh STANDARD PREVIEW

(standards.iteh.ai)

SIST EN ISO 8968-2:2002

[https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-](https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002)[6688b6f066fe/sist-en-iso-8968-2-2002](https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002)

ISO 8968-2:2001(E)
IDF 20-2:2001(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 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 part of ISO 8968 | IDF 20 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 8968-2 | IDF 20-2 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.

ISO 8968 | IDF 20 consists of the following parts, under the general title *Milk — Determination of nitrogen content*:

- *Part 1: Kjeldahl method*
- *Part 2: Block-digestion method (Macro method)*
- *Part 3: Block-digestion method (Semi-micro rapid routine method)*
- *Part 4: Determination of the non-protein-nitrogen content*
- *Part 5: Determination of the protein-nitrogen content*

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 8968-2|IDF 20-2 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, *Nitrogen compounds*, under the aegis of its project leader, Mr D.M. Barbano (US).

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 8968-2:2002](https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002)

<https://standards.iteh.ai/catalog/standards/sist/a5103a96-fe7f-4d5f-a7aa-6688b6f066fe/sist-en-iso-8968-2-2002>