

SLOVENSKI STANDARD SIST EN ISO 14501:2021

01-julij-2021

Nadomešča:
SIST EN ISO 14501:2007

Mleko in mleko v prahu - Določevanje vsebnosti aflatoksina M1 - Čiščenje z imunoafinitetno kromatografijo in določevanje s tekočinsko kromatografijo visoke ločljivosti (ISO 14501:2021)

Milk and milk powder - Determination of aflatoxin M1 content - Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography (ISO 14501:2021)

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Milch und Milchpulver - Bestimmung des Gehalts an Aflatoxin M1 - Reinigung durch Immunoaffinitäts-Chromatographie und Bestimmung mit Hochleistungs-Flüssigchromatographie (ISO 14501:2021)

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Lait et lait en poudre - Détermination de la teneur en aflatoxine M1 - Purification par chromatographie d'immunoaffinité et détermination par chromatographie en phase liquide à haute performance (ISO 14501:2021)

Ta slovenski standard je istoveten z: EN ISO 14501:2021

ICS:

67.100.10	Mleko in predelani mlečni proizvodi	Milk and processed milk products
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SIST EN ISO 14501:2021

en,fr,de

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EUROPEAN STANDARD

EN ISO 14501

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2021

ICS 67.100.10

Supersedes EN ISO 14501:2007

English Version

Milk and milk powder - Determination of aflatoxin M1
content - Clean-up by immunoaffinity chromatography and
determination by high-performance liquid
chromatography (ISO 14501:2021)

Lait et lait en poudre - Détermination de la teneur en
aflatoxine M1 - Purification par chromatographie
d'immunoaffinité et détermination par
chromatographie en phase liquide à haute
performance (ISO 14501:2021)

Milch und Milchpulver - Bestimmung des Gehalts an
Aflatoxin M1 - Reinigung durch Immunoaffinitäts-
Chromatographie und Bestimmung mit Hochleistungs-
Flüssigchromatographie (ISO 14501:2021)

This European Standard was approved by CEN on 12 April 2021.

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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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

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[SIST EN ISO 14501:2021](https://standards.iteh.ai/catalog/standards/sist/1580aff6-5831-4bcc-9134-c8dec8dfe531/sist-en-iso-14501-2021)
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European foreword

This document (EN ISO 14501:2021) 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 November 2021, and conflicting national standards shall be withdrawn at the latest by November 2021.

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

This document supersedes EN ISO 14501:2007.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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INTERNATIONAL
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Third edition
2021-05

**Milk and milk powder —
Determination of aflatoxin M₁ content
— Clean-up by immunoaffinity
chromatography and determination
by high-performance liquid
chromatography**

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*Lait et lait en poudre — Détermination de la teneur en aflatoxine
M₁ — Purification par chromatographie d'immunoaffinité et
détermination par chromatographie en phase liquide à haute
performance*

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11

Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

International Dairy Federation
Silver Building • Bd Auguste Reyers 70/B
B-1030 Brussels
Phone: +32 2 325 67 40
Fax: +32 2 325 67 41
Email: info@fil-idf.org
Website: www.fil-idf.org

Contents

Page

Forewords	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Reagents	2
6 Apparatus	4
7 Sampling	5
8 Procedure	5
8.1 General	5
8.2 Preparation of test samples	5
8.2.1 Milk	5
8.2.2 Milk powder	5
8.3 Immunoaffinity column preparation	6
8.4 Test sample purification	6
8.5 High performance liquid chromatography (HPLC)	6
8.5.1 Pump setting	6
8.5.2 Chromatographic performance	6
8.5.3 Calibration curve of aflatoxin M ₁	7
8.5.4 Analysis of the purified extracts and injection scheme	7
9 Calculation and expression of results	7
9.1 Skimmed milk	7
9.1.1 Calculation	7
9.1.2 Expression of results	7
9.2 Skimmed milk powder	8
9.2.1 Calculation	8
9.2.2 Expression of results	8
10 Precision	8
10.1 Interlaboratory test	8
10.2 Repeatability	8
10.3 Reproducibility	8
11 Test report	9
Annex A (informative) Results of an interlaboratory trial	10
Bibliography	11

ISO 14501:2021(E)
IDF 171:2021(E)

Forewords

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 (see www.iso.org/directives).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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This document 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 the European Committee for Standardization (CEN) Technical Committee CEN/TC 302, *Milk and milk products - Methods of sampling and analysis*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement). It is being published jointly by ISO and IDF.

This third edition cancels and replaces the second edition (ISO 14501 | IDF 171:2007), which has been technically revised. The main changes compared with the previous edition are as follows:

- the lack of detailed explanation in some clauses was leading to variability in the way the method was executed from one laboratory to another. Practical information from skilled end users familiar with routine analysis using this protocol was taken into account in this revision to clarify those ambiguous clauses.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

IDF (the International Dairy Federation) is a non-profit private sector organization representing the interests of various stakeholders in dairying at the global level. IDF members are organized in National Committees, which are national associations composed of representatives of dairy-related national interest groups including dairy farmers, dairy processing industry, dairy suppliers, academics and governments/food control authorities.

ISO and IDF collaborate closely on all matters of standardization relating to methods of analysis and sampling for milk and milk products. Since 2001, ISO and IDF jointly publish their International Standards using the logos and reference numbers of both organizations.

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The work was carried out by the IDF-ISO Action Team on A12 of the *Standing Committee on Analytical Methods for Additives and Contaminants* under the aegis of its project leader Mr Paul Jamieson.

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