

SLOVENSKI STANDARD
SIST EN ISO 21571:2005/A1:2013
01-junij-2013

Živila - Analitske metode za odkrivanje gensko spremenjenih organizmov in njihovih produktov - Izolacija nukleinskih kislin - Dopnilo A1 (ISO 21571:2005/Amd 1:2013)

Foodstuffs - Methods of analysis for the detection of genetically modified organisms and derived products - Nucleic acid extraction - Amendment 1 (ISO 21571:2005/Amd 1:2013)

Lebensmittel - Verfahren zum Nachweis von gentechnisch modifizierten Organismen und ihren Produkten - Nukleinsäureextraktion - Änderung 1 (ISO 21571:2005/Amd 1:2013)

Produits alimentaires - Méthodes d'analyse pour la détection des organismes génétiquement modifiés et des produits dérivés - Extraction des acides nucléiques - Amendement 1 (ISO 21571:2005/Amd 1:2013)

Ta slovenski standard je istoveten z: EN ISO 21571:2005/A1:2013

ICS:

67.050	Splošne preskusne in analizne metode za živilske proizvode	General methods of tests and analysis for food products
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SIST EN ISO 21571:2005/A1:2013 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 21571:2005/A1

March 2013

ICS 67.050

English Version

Foodstuffs - Methods of analysis for the detection of genetically modified organisms and derived products - Nucleic acid extraction - Amendment 1 (ISO 21571:2005/Amd 1:2013)

Produits alimentaires - Méthodes d'analyse pour la détection des organismes génétiquement modifiés et des produits dérivés - Extraction des acides nucléiques - Amendement 1 (ISO 21571:2005/Amd 1:2013)

Lebensmittel - Verfahren zum Nachweis von gentechnisch modifizierten Organismen und ihren Produkten - Nukleinsäureextraktion - Änderung 1 (ISO 21571:2005/Amd 1:2013)

This amendment A1 modifies the European Standard EN ISO 21571:2005; it was approved by CEN on 1 March 2013.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This amendment 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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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Contents	Page
Foreword.....	3

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[SIST EN ISO 21571:2005/A1:2013](https://standards.iteh.ai/catalog/standards/sist/da4b7dc1-3859-42b8-989d-34cee79ca5ea/sist-en-iso-21571-2005-a1-2013)
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Foreword

This document (EN ISO 21571:2005/A1:2013) has been prepared by Technical Committee ISO/TC 34 "Food products" in collaboration with Technical Committee CEN/TC 275 "Food analysis - Horizontal methods" the secretariat of which is held by DIN.

This Amendment to the European Standard EN ISO 21571:2005 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2013, and conflicting national standards shall be withdrawn at the latest by September 2013.

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

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

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Endorsement notice

The text of ISO 21571:2005/Amd 1:2013 has been approved by CEN as EN ISO 21571:2005/A1:2013 without any modification.

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INTERNATIONAL
STANDARD

ISO
21571

First edition
2005-02-15

AMENDMENT 1
2013-03-15

**Foodstuffs — Methods of analysis for
the detection of genetically modified
organisms and derived products —
Nucleic acid extraction**

AMENDMENT 1

iTeh STANDARD PREVIEW
*Produits alimentaires — Méthodes d'analyse pour la détection
des organismes génétiquement modifiés et des produits dérivés —
Extraction des acides nucléiques*
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AMENDEMENT 1

SIST EN ISO 21571:2005/A1:2013

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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 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.

Amendment 1 to ISO 21571:2005 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 16, *Horizontal methods for molecular biomarker analysis*.

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Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — Nucleic acid extraction

AMENDMENT 1

Page v, Introduction

Delete the reference to ISO 21568.

Replace the reference to ISO 24276 with the following:

ISO 24276, *Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — General requirements and definitions*

Page 1, Clause 2

Replace the reference to ISO 24276:—with the following:

ISO 24276:2006, *Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — General requirements and definitions*

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Delete the reference to Footnote 1) and the footnote itself.

Delete the reference to ISO 21568.

Page 2, 5.1.1, paragraph 3, line 2

Delete “(e.g. 3 000 particles at an LOD of 0,1 %) to allow a statistically valid conclusion to be made (see ISO 21568)”.

Page 3, 5.1.2, paragraph 1, line 2

Replace “procedures described in ISO 24276” by “laboratory design specified in ISO 24276:2006, 5.3.2”.

Page 3, 5.1.2, paragraph 2

Replace by: “Laboratory samples shall be sufficiently homogeneous before reducing or grinding and before taking the test portion.”

Page 3, 5.1.2, paragraph 4, lines 3 and 6

Delete “as specified in ISO 21568” and “as defined ISO 21568”.

Page 3, 5.1.2, paragraph 8, 1st sentence