



SLOVENSKI STANDARD
SIST EN ISO 11543:2002

01-september-2002

AcX]ZVfUb`ý_fcV!`8c`c Yj Ub^Y\]Xfc_g]dfcd]`g_i d]b`!`GdY_fca Yff]`g_Ua YfcXU
i dcfUVYdfcfc`bi `YUfbY`a U] bYfbYfYgcbUbW`fBA F`fGC`%) (' .&\$\$\$L

Modified starch - Determination of hydroxypropyl content - Method using proton Nuclear Magnetic Resonance (NMR) spectrometry (ISO 11543:2000)

Modifizierte Stärke - Bestimmung des Hydroxypropylgehaltes - Protonen-Kernresonanzspektroskopisches Verfahren (ISO 11543:2000)

Amidon modifié - Détermination de la teneur en hydroxypropyle - Méthode spectrométrique de résonance magnétique nucléaire du proton (ISO 11543:2000)

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Ta slovenski standard je istoveten z: **EN ISO 11543:2002**

ICS:

67.180.20 Škrob in izdelki iz njega Starch and derived products

SIST EN ISO 11543:2002 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 11543

March 2002

ICS 67.180.20

English version

**Modified starch - Determination of hydroxypropyl content -
Method using proton nuclear magnetic resonance (NMR)
spectrometry (ISO 11543:2000)**

Amidon modifié - Détermination de la teneur en
hydroxypropyle - Méthode spectrométrique de résonance
magnétique nucléaire du proton (ISO 11543:2000)

Modifizierte Stärke - Bestimmung des
Hydroxypropylgehaltes - Protonen-
Kernresonanzspektroskopisches Verfahren (ISO
11543:2000)

This European Standard was approved by CEN on 30 September 2000.

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.



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

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

EN ISO 11543:2002 (E)**Foreword**

The text of the International Standard from Technical Committee ISO/TC 93 "Starch (including derivatives and by-products)" of the International Organization for Standardization (ISO), the secretariat of which is held by CMC.

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.

Endorsement notice

The text of the International Standard ISO 11543:2000 has been approved by CEN as a European Standard without any modifications.

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

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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</u>	<u>Year</u>
ISO 1666	1996	Starch - Determination of moisture content - Oven-drying methods	EN ISO 1666	1997
ISO 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995

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INTERNATIONAL
STANDARD

ISO
11543

First edition
2000-09-15

**Modified starch — Determination of
hydroxypropyl content — Method using
proton nuclear magnetic resonance (NMR)
spectrometry**

*Amidon modifié — Détermination de la teneur en hydroxypropyle —
Méthode spectrométrique de résonance magnétique nucléaire du proton*

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Reference number
ISO 11543:2000(E)

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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 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 11543 was prepared by Technical Committee ISO/TC 93, *Starch (including derivatives and by-products)*.

Annex A of this International Standard is for information only.

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