



SLOVENSKI STANDARD

SIST EN ISO 520:2011

01-marec-2011

Žito in stročnice - Določanje mase 1000 zrn (ISO 520:2010)

Cereals and pulses - Determination of the mass of 1000 grains (ISO 520:2010)

Getreide und Hülsenfrüchte - Bestimmung der 1 000-Korn-Masse (ISO 520:2010)

Céréales et légumineuses - Détermination de la masse de 1000 grains (ISO 520:2010)

Ta slovenski standard je istoveten z: **EN ISO 520:2010**

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ICS:

67.060	Žita, stročnice in proizvodi iz njih	Cereals, pulses and derived products
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 520

November 2010

ICS 67.060

English Version

**Cereals and pulses - Determination of the mass of 1000 grains
(ISO 520:2010)**

Céréales et légumineuses - Détermination de la masse de
1000 grains (ISO 520:2010)

Getreide und Hülsenfrüchte - Bestimmung der 1
000-Korn-Masse (ISO 520:2010)

This European Standard was approved by CEN on 13 November 2010.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

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Foreword

This document (EN ISO 520:2010) has been prepared by Technical Committee ISO/TC 34 "Food products" in collaboration with Technical Committee CEN/TC 338 "Cereal and cereal products" the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by May 2011, and conflicting national standards shall be withdrawn at the latest by May 2011.

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.

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The text of ISO 520:2010 has been approved by CEN as a EN ISO 520:2010 without any modification.

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INTERNATIONAL STANDARD

ISO 520

Second edition
2010-11-15

Cereals and pulses — Determination of the mass of 1 000 grains

*Céréales et légumineuses — Détermination de la masse de
1 000 grains*

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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.

ISO 520 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 4, *Cereals and pulses*.

This second edition cancels and replaces the first edition (ISO 520:1977), which has been technically revised.

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Cereals and pulses — Determination of the mass of 1 000 grains

1 Scope

This International Standard specifies a method for the determination of the mass of 1 000 grains of cereals and pulses.

This International Standard is applicable to all species of cereals and pulses with the exception of seed lots for sowing purposes.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 712, *Cereals and cereal products — Determination of moisture content — Reference method*

ISO 24557, *Pulses — Determination of moisture content — Air-oven method*

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3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

mass of 1 000 grains as received

mass of 1 000 grains including the moisture content at the time of the determination

3.2

mass of 1 000 grains on the dry matter basis

mass of 1 000 grains as received converted to the dry matter basis by correcting for the moisture content at the time of the determination

4 Principle

A test portion is prepared by separating whole grains. The test portion is weighed and the whole grains counted. The mass of the whole grains is divided by their number, and expressed on the basis of 1 000 grains.