

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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 520:2010 sisaldab Euroopa standardi EN ISO 520:2010 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.12.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 15.11.2010.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN ISO 520:2010 consists of the English text of the European standard EN ISO 520:2010.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.12.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 15.11.2010.

The standard is available from Estonian standardisation organisation.

ICS 67.060

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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.

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

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of an identical text or by endorsement, at the latest by May 2011, and conflicting national standards shall be withdrawn at the latest by May 2011.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

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

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*

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.