

SLOVENSKI STANDARD **SIST EN ISO 7971-2:2010**

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Cereals - Determination of bulk density, called mass per hectolitre - Part 2: Method of traceability for measuring instruments through reference to the international standard instrument (ISO 7971-2:2009)

Getreide - Bestimmung der Schüttdichte, sogenannte Masse je Hektoliter - Teil 2: Verfahren zur Rückverfolgbarkeit von Messgeräten mittels Referenz auf internationale Normalgeräte (ISO 7971-2:2009)

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Céréales - Détermination de la masse volunique, dite masse à l'hectolitre - Partie 2: Méthode de raccordement des instruments de mesure à l'étalon international (ISO 7971-2:2009)

Ta slovenski standard je istoveten z: EN ISO 7971-2:2009

ICS:

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} bag@ products

SIST EN ISO 7971-2:2010 en,fr,de **SIST EN ISO 7971-2:2010**

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EUROPEAN STANDARD NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 7971-2

August 2009

ICS 67.060

English Version

Cereals - Determination of bulk density, called mass per hectolitre - Part 2: Method of traceability for measuring instruments through reference to the international standard instrument (ISO 7971-2:2009)

Céréales - Détermination de la masse volumique, dite masse à l'hectolitre - Partie 2: Méthode de raccordement des instruments de mesure à l'étalon international (ISO 7971-2:2009) Getreide - Bestimmung der Schüttdichte, sogenannte Masse je Hektoliter - Teil 2: Verfahren zur Rückverfolgbarkeit von Messgeräten mittels Referenz auf internationale Normalgeräte (ISO 7971-2:2009)

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

EN ISO 7971-2:2009 (E)

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iTeh STANDARD PREVIEW (standards.iteh.ai)

EN ISO 7971-2:2009 (E)

Foreword

This document (EN ISO 7971-2:2009) has been prepared by Technical Committee CEN/TC 338 "Cereal and cereal products", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 34 "Food products".

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of an identical text or by endorsement, at the latest by February 2010, and conflicting national standards shall be withdrawn at the latest by February 2010.

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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INTERNATIONAL STANDARD

ISO 7971-2

Second edition 2009-08-15

Cereals — Determination of bulk density, called mass per hectolitre —

Part 2:

Method of traceability for measuring instruments through reference to the international standard instrument

Céréales — Détermination de la masse volumique, dite masse à l'hectolitre

Partie 2: Méthode de raccordement des instruments de mesure à l'étalon international https://standards.iteh.a/catalog/standards/sist/202b4b74-feab-4704-a27b-8384a899ca52/sist-en-iso-7971-2-2010



ISO 7971-2:2009(E)

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Published in Switzerland

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ISO 7971-2:2009(E)

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 7971 (all parts) was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 338, Cereal and cereal products, in collaboration with Technical Committee ISO/TC 34, Food products, Subcommittee SC 4, Cereals and pulses, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This edition is the second to bear the number ISO 7971-2, but the technical content is new. ISO 7971-3:2009 cancels and replaces the first edition (ISO 7971-2:1995).

ISO 7971 consists of the following parts, it under the general title Cereals Determination of bulk density, called mass per hectolitre: 8384a899ca52/sist-en-iso-7971-2-2010

- Part 1: Reference method
- Part 2: Method of traceability for measuring instruments through reference to the international standard instrument
- Part 3: Routine method

Cereals — Determination of bulk density, called mass per hectolitre —

Part 2:

Method of traceability for measuring instruments through reference to the international standard instrument

1 Scope

This part of ISO 7971 specifies a test method for ensuring the traceability of mass per hectolitre measuring instruments through reference to standard measurement instruments. The mass per hectolitre or bulk density is of commercial importance for grain cereals. Several types of instruments with varying performances exist for measuring it.

This part of ISO 7971 also specifies the performances required of national standards instruments, secondary standards instruments, and measuring instruments used in laboratories or in collection or storage silos.

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2 Normative references

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https://standards.itch.ai/catalog/standards/sist/202b4b74-feab-4704-a27bThe 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 7971-1, Cereals — Determination of bulk density, called "mass per hectolitre" — Part 1: Reference method

3 Terms and definitions

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

3.1

bulk density

"mass per hectolitre"

⟨cereals⟩ ratio of the mass of a cereal to the volume it occupies after being poured into a container under well-defined conditions

NOTE Bulk density is expressed in kilograms per hectolitre of grains as received.

[ISO 7971-1:2009]

3.2

traceability

⟨cereals⟩ establishment of a relationship between the usual measuring instrument and the international standard instrument via a chain