Rice - Determination of biometric characteristics of kernels (ISO 11746:2012)

EESTI STANDARDIKESKUS EVS
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NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 11746:2012 sisaldab Euroopa standardi EN ISO 11746:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 11746:2012 consists of the English text of the European standard EN ISO 11746:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 25.01.2012.	Date of Availability of the European standard is 25.01.2012.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

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English Version

Rice - Determination of biometric characteristics of kernels (ISO 11746:2012)

Riz - Détermination des caractéristiques biométriques des
grains (ISO 11746:2012)

Reis - Bestimmung der biometrischen Eigenschaften des
Reiskorns (ISO 11746:2012)

This European Standard was approved by CEN on 24 January 2012.

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Foreword

This document (EN ISO 11746:2012) 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of an identical text or by endorsement, at the latest by July 2012, and conflicting national standards shall be withdrawn at the latest by July 2012.

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Endorsement notice

The text of ISO 11746:2012 has been approved by CEN as a EN ISO 11746:2012 without any modification.

Rice — Determination of biometric characteristics of kernels

1 Scope

This International Standard specifies a method for the determination of the biometric characteristics of husked or milled rice kernels.

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 7301, *Rice — Specification*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 7301 and the following apply.

3.1
biometric characteristics
length, width and thickness of the kernel measured along the three Cartesian axes

NOTE   See Annex A.

4 Principle

Manual selection of kernels and measurement of their biometric characteristics (3.1) with a micrometer.

5 Apparatus

Usual laboratory apparatus and, in particular, the following.

5.1   Sample divider[1], conical sampler or multiple-slot sampler with a distribution system.

5.2   Tray, or equivalent device, coloured in contrast with the colour of the rice to be evaluated.

5.3   Tweezers, of different types (metal, plastic, round tips or pointed, etc.), for easy manipulation of kernels.

5.4   Micrometer, or equivalent device capable of being read to the nearest 0,01 mm and which ensures that no kernel deformation occurs during measurement.

Avoidance of kernel deformation is particularly important for husked rice.

6 Sampling

Sampling is not part of the method specified in this International Standard. A recommended sampling method is given in ISO 24333[2].

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1)   Some sample dividers are described in ISO 24333[2].