Teravili ja teraviljatooted. Lisandite määramine nisus (Triticum aestivum L.), kõvas nisus (Triticum durum Desf.), rukkis (Secale cereale L.) ja söödaodras (Hordeum vulgare L.)

Cereals and cereal products - Determination of Besatz in wheat (Triticum aestivum L.), durum wheat (Triticum durum Desf.), rye (Secale cereale L.) and feed barley (Hordeum vulgare L.)



EESTI STANDARDI EESSÕNA

See Eesti standard EVS-EN 15587:2008+A1:2013 sisaldab Euroopa standardi EN 15587:2008+A1:2013 ingliskeelset teksti.

Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.

Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 16.10.2013.

Standard on kättesaadav Eesti Standardikeskusest.

NATIONAL FOREWORD

This Estonian standard EVS-EN 15587:2008+A1:2013 consists of the English text of the European standard EN 15587:2008+A1:2013.

This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.

Date of Availability of the European standard is 16.10.2013.

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 <u>standardiosakond@evs.ee</u>.

ICS 67.060

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2013

EN 15587:2008+A1

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Supersedes EN 15587:2008

English Version

Cereals and cereal products - Determination of Besatz in wheat (Triticum aestivum L.), durum wheat (Triticum durum Desf.), rye (Secale cereale L.) and feed barley (Hordeum vulgare L.)

Céréales et produits céréaliers - Détermination du pourcentage d'impuretés dans le blé tendre (Triticum aestivum L.), le blé dur (Triticum durum Desf.), le seigle (Secale cereale L.) et l'orge fourragère (Hordeum vulgare L.)

Getreide und Getreideerzeugnisse - Bestimmung von Besatz in Weizen (Triticum aestivum L.), Hartweizen (Triticum durum Desf.), Roggen (Secale cereale L.) und Futtergerste (Hordeum vulgare L.)

This European Standard was approved by CEN on 21 June 2008 and includes Corrigendum 1 issued by CEN on 14 January 2009 and Amendment 1 approved by CEN on 24 August 2013.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 15587:2008+A1:2013) has been prepared by Technical Committee CEN/TC 338 "Cereals 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 April 2014, and conflicting national standards shall be withdrawn at the latest by April 2014.

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The start and finish of text introduced or altered by amendment is indicated in the text by tags 🗗 🐴.

The modifications of the related CEN Corrigendum have been implemented at the appropriate places in the text and are indicated by the tags $\boxed{\mathbb{A}}$ $\boxed{\mathbb{A}}$.

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1 Scope

This European Standard specifies the term Besatz (impurities) and describes methods for the determination of its components. The term Besatz is used as a parameter for certain quality aspects in common wheat (*Triticum aestivum* L.), durum wheat (*Triticum durum* Desf.), rye (*Secale cereale* L.) and feed barley (*Hordeum vulgare* L.).

2 Normative references

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

EN ISO 6644, Flowing cereals and milled cereal products — Automatic sampling by mechanical means (ISO 6644:2002)

EN ISO 13690, Cereals, pulses and milled products — Sampling of static batches (ISO 13690:1999)

prEN ISO 24333, Cereals and cereal products — Sampling (ISO/DIS 24333:2006)

ISO 5223, Test sieves for cereals

3 Terms and definitions

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

3.1

Besatz

all matter of a sample of grain other than the basic cereal of unimpaired quality

- NOTE 1 It comprises the four fractions: broken grains, grain impurities, sprouted grains and miscellaneous impurities.
- NOTE 2 Live pests are not considered as Besatz. They are specified as a separate criterion.
- NOTE 3 A schematic summary on Besatz is given in Annex A.
- NOTE 4 Pictures of examples are given in [9].

3.2

broken grains

all grains belonging to the basic cereal not damaged by pests and whose endosperm is partially uncovered, including grains damaged by threshing and grains from which the germ has been removed

A_1 3.3

grain impurities

fraction consisting of shrivelled grains, other cereals, grains damaged by pests, grains in which the germ is discoloured (only for common and durum wheat), mottled grains (only for durum wheat) and grains overheated during drying

Note 1 to entry: For common wheat, grains in which the germ is discoloured are disregarded up to 8 %.