

SLOVENSKI STANDARD SIST EN ISO 14902:2002

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Animal feeding stuffs - Determination of trypsin inhibitor activity of soya products (ISO 14902:2001)

Futtermittel - Bestimmung der Trypsin-Inhibitoren-Aktivität in Sojaerzeugnissen (ISO 14902:2001) **iTeh STANDARD PREVIEW**

Aliments des animaux - Dosage de l'activité des inhibiteurs trypsiques des produits de soja (ISO 14902:2001)

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Ta slovenski standard je istoveten z: EN ISO 14902-2002

ICS:

65.120 Krmila Animal feeding stuffs

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EUROPEAN STANDARD

EN ISO 14902

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October 2001

ICS 65.120

English version

Animal feeding stuffs - Determination of trypsin inhibitor activity of soya products (ISO 14902:2001)

Aliments des animaux - Dosage de l'activité des inhibiteurs trypsiques des produits de soja (ISO 14902:2001)

Futtermittel - Bestimmung der Trypsin-Inhibitoren-Aktivität in Sojaerzeugnissen (ISO 14902:2001)

This European Standard was approved by CEN on 3 October 2001.

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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 Management Centre has the same status as the official versions.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 14902:2001 (E)

Foreword

The text of the International Standard ISO 14902:2001 has been prepared by Technical Committee ISO/TC 34 "Agricultural food products" in collaboration with Technical Committee CEN/TC 327 "Animal feeding stuffs - Methods of sampling and analysis", the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by April 2002, and conflicting national standards shall be withdrawn at the latest by April 2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

NOTE FROM CMC The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

Teh ST Endorsement notice FV FW

The text of the International Standard ISO 14902:2001 was approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD

ISO 14902

First edition 2001-10-15

Animal feeding stuffs — Determination of trypsin inhibitor activity of soya products

Aliments des animaux — Dosage de l'activité des inhibiteurs trypsiques des produits de soja

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ISO 14902:2001(E)

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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 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 14902 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 10, *Animal feeding stuffs*.

Annex A forms a normative part of this International Standard. Annex B is for information only.

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ISO 14902:2001(E)

Animal feeding stuffs — Determination of trypsin inhibitor activity of soya products

1 Scope

This International Standard specifies a method for the determination of the trypsin inhibitor activity (TIA) of soya products.

This trypsin inhibitor activity is indicative of the degree of toasting of these products.

The detection limit of the method is 0,5 mg/g.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

https://standards.iteh.ai/catalog/standards/sist/ecd6d42a-ef18-4ad7-89d6 ISO 3696:1987, Water for analytical laboratory use Specification and test methods

3 Term and definition

For the purposes of this International Standard, the following term and definition applies.

3.1

trypsin inhibitor activity

TIA

mass of trypsin inhibited by the procedure described in this International Standard, divided by the mass of the test sample

NOTE The trypsin inhibitor activity is expressed in milligrams per gram.

4 Principle

Trypsin inhibitors are extracted from the sample at pH 9,5.

The remaining trypsin activity is measured by adding benzoyl-L-arginine-p-nitroanilide (L-BAPA) as substrate. The quantity of released p-nitroaniline is measured spectrometrically.

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