

SLOVENSKI STANDARD SIST EN ISO 13906:2008

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Animal feeding stuffs - Determination of acid detergent fibre (ADF) and acid detergent lignin (ADL) contents (ISO 13906:2008)

Futtermittel - Bestimmung des Gehalts an Säure-Detergens-Faser (ADF) und Säure-Detergens-Lignin (ADL) (ISO 13906:2008) ARD PREVIEW

Aliments des animaux - Détermination des teneurs en fibres au détergent acide (ADF) et en lignine sulfurique (ADL) (ISO 13906;2008) 13906:2008

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Ta slovenski standard je istoveten z: EN ISO 13906:2008

ICS:

65.120 Krmila Animal feeding stuffs

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EUROPEAN STANDARD

EN ISO 13906

NORME EUROPÉENNE EUROPÄISCHE NORM

July 2008

ICS 65.120

English Version

Animal feeding stuffs - Determination of acid detergent fibre (ADF) and acid detergent lignin (ADL) contents (ISO 13906:2008)

Aliments des animaux - Détermination des teneurs en fibres au détergent acide (ADF) et en lignine sulfurique (ADL) (ISO 13906:2008)

Futtermittel - Bestimmung des Gehalts an Säure-Detergens-Faser (ADF) und Säure-Detergens-Lignin (ADL) (ISO 13906:2008)

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

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EN ISO 13906:2008 (E)

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EN ISO 13906:2008 (E)

Foreword

This document (EN ISO 13906:2008) 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of an identical text or by endorsement, at the latest by January 2009, and conflicting national standards shall be withdrawn at the latest by January 2009.

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 13906

First edition 2008-07-15

Animal feeding stuffs — Determination of acid detergent fibre (ADF) and acid detergent lignin (ADL) contents

Aliments des animaux — Détermination des teneurs en fibres au détergent acide (ADF) et en lignine sulfurique (ADL)

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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 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.

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ISO 13906 was prepared by Technical Committee ISO/TC 34, Food products, Subcommittee SC 10, Animal feeding stuffs.

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Animal feeding stuffs — Determination of acid detergent fibre (ADF) and acid detergent lignin (ADL) contents

WARNING — The use of this International Standard may involve hazardous materials, operations and equipment. This International Standard does not purport to address any safety risks associated with its use. It is the responsibility of the user of this International Standard to establish appropriate safety and health practices and determine the applicability of local regulatory limitations prior to use.

1 Scope

This International Standard specifies a method for the determination of acid detergent fibre (ADF) insoluble residue and acid detergent lignin (ADL) in all types of animal feeding stuffs. The limit of determination is 1 % mass fraction for ADF and 1,5 % mass fraction for ADL.

A gravimetric routine and reference method is used.

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2 Normative references

(standards.iteh.ai)

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies Forsundated references, the latest edition of the referenced document (including any amendments) applies and are standards/sist/cb60371b-257f-4791-9f8b-

ISO 6498, Animal feeding stuffs — Preparation of test samples

3 Terms and definitions

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

3.1

acid detergent fibre content

ADF content

mass fraction of fibrous residue obtained after treatment with cationic detergent in 0,5 mol/l sulfuric acid, primarily consisting of cellulose, lignin and insoluble protein complexes

NOTE The ADF mass fraction is expressed as a percentage.

3.2

acid detergent lignin content

ADL content

mass fraction of residue remaining after cellulose and other organic matter is solubilized by 72 % mass fraction (12,00 mol/l) sulfuric acid

NOTE The ADL mass fraction is expressed as a percentage.