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Textiles — Quantitative chemical analysis —

Part 15: Mixtures of jute with certain animal fibres (method by determining nitrogen content)

Textiles — Analyse chimique quantitative —

Partie 15: Mélanges de jute avec certaines fibres animales (méthode par détermination de la teneur en azote)

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 38, *Textiles*.

This second edition cancels and replaces the first edition (ISO 1833-15:2006), which has been technically revised. The main changes compared to the previous edition are as follows:

— the title has been changed from “Mixtures of jute **and** certain animal fibres (method by determining nitrogen content)” to “Mixtures of jute **with** certain animal fibres (method by determining nitrogen content)”;

— in Clause 2, reference to ISO 5089 for sampling principle has been added;

— the mandatory Clause 3, "Terms and definitions", has been added;

— in Clause 9, Formula (1) has been corrected.

A list of all parts in the ISO 1833 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Textiles — Quantitative chemical analysis —

Part 15: Mixtures of jute with certain animal fibres (method by determining nitrogen content)

1 Scope

This document specifies a method, by determining the nitrogen content, to calculate the proportion of each component, after the removal of non-fibrous matter, in textiles made of mixtures of

— jute

with

— animal fibres.

The animal-fibre component can consist solely of hair or wool, or of any mixtures of the two.

This document is not applicable to products in which dyestuffs or finishes contain nitrogen.

NOTE Because this method differs in principle from the general method based on selective solubility set out in ISO 1833-1, it is given in a form that is complete in itself.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1833-1, *Textiles — Quantitative chemical analysis — Part 1: General principles of testing*

ISO 5089, *Textiles — Preparation of laboratory test samples and test specimens for chemical testing*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

4 Principle

The nitrogen content of the mixture is determined, and from this and the known or assumed nitrogen contents of the two components, the proportion of each component is calculated.

5 Reagents

All reagents shall be of recognized analytical reagent quality.

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