

Second edition
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Textiles — Quantitative chemical analysis —

Part 22:

Mixtures of viscose or certain types of cupro or modal or lyocell with flax fibres (method using formic acid and zinc chloride)

Textiles — Analyse chimique quantitative —

Partie 22: Mélanges de viscose ou de certains types de cupro, modal ou lyocell avec des fibres de lin (méthode à l'acide formique et au chlorure de zinc)



Reference number
ISO 1833-22:2020(E)

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 38, *Textiles*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 1833-22:2013), which has been technically revised. The main changes compared to the previous edition are as follows:

- the title has been changed from “Mixtures of viscose or certain types of cupro or modal or lyocell and flax fibres (method using formic acid and zinc chloride)” to “Mixtures of viscose or certain types of cupro or modal or lyocell with flax fibres (method using formic acid and zinc chloride)”;
- the warning has been removed (it is already mentioned in ISO 1833-1);
- [Clause 3](#) (Terms and definitions) has been added and subsequent clauses have been renumbered;
- in [5.2](#) (former 4.2), the sodium hydroxide solution has been removed (as listed in ISO 1833-1:2020);
- in [5.2.1](#), additional instruction in case of the use of zinc chloride other than fused anhydrous zinc chloride has been added;
- in [6.2](#) (former 5.2), the pre-treatment procedure has been replaced with a reference to ISO 1833-1:2020, A.5.25;
- in [5.3.2](#), the heating temperature of 40 °C has been removed and changed to 70 °C;
- in [6.3](#), the testing temperature of 40 °C has been removed and changed to 70 °C, and the neutralisation stage has been detailed;
- in [7.3](#), the d-factors for flax has been updated;
- in [Clause 8](#), “percentage point” has been added to avoid confusion;

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- the former informative Annex A, related to proficiency testing results, has been removed as it was based on the former test method setting the testing temperature at 40 °C;
- the Bibliography has been removed.

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.