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(JTETC/JSA)

**Testing methods for quantitative analysis
of fibre mixtures — Part 2-3: Methods of
quantitative chemical analysis**

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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Textile Evaluation Technology Council (JTETC)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act. This Standard partially replaces **JIS L 1030-2 : 2012**, which has been withdrawn.

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JIS L 1030-2 series consists of the following 6 parts under the general title *Testing methods for quantitative analysis of fibre mixtures* :

Part 2-1: General principles of testing

Part 2-2: Method of quantitative analysis by manual separation

Part 2-3: Methods of quantitative chemical analysis

Part 2-4: Method by determining nitrogen content

Part 2-5: Methods of quantitative chemical analysis of Ternary fibre mixtures

Part 2-6: Method of quantitative analysis by microscopy method

Testing methods for quantitative analysis of fibre mixtures — Part 2-3: Methods of quantitative chemical analysis

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 1833-1** : 2020 (Edition 2), **ISO 1833-3** : 2020 (Edition 3), **ISO 1833-4** : 2017 (Edition 2), **ISO 1833-5** : 2006 (Edition 1), **ISO 1833-6** : 2018 (Edition 2), **ISO 1833-7** : 2017 (Edition 2), **ISO 1833-8** : 2006 (Edition 1), **ISO 1833-9** : 2019 (Edition 2), **ISO 1833-10** : 2019 (Edition 2), **ISO 1833-11** : 2017 (Edition 2), **ISO 1833-12** : 2020 (Edition 3), **ISO 1833-13** : 2019 (Edition 2), **ISO 1833-14** : 2019 (Edition 2), **ISO 1833-16** : 2019 (Edition 2), **ISO 1833-17** : 2019 (Edition 2), **ISO 1833-18** : 2020 (Edition 3), **ISO 1833-20** : 2018 (Edition 2), **ISO 1833-21** : 2019 (Edition 2) and **ISO 1833-24** : 2010 (Edition 1), with some modifications of the technical contents.

Applicable test methods for binary mixtures are given in Annex JA for reference.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standards. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies the dissolution test methods for quantitative chemical analysis of fibres contained in textile products to determine their mixture ratios. These methods normally apply to textile products which cannot be analyzed using the quantitative analysis by manual separation specified in JIS L 1030-2-2.

NOTE The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 1833-1 : 2020 *Textiles — Quantitative chemical analysis — Part 1: General principles of testing*

ISO 1833-3 : 2020 *Textiles — Quantitative chemical analysis — Part 3: Mixtures of acetate with certain other fibres (method using acetone)*

ISO 1833-4 : 2017 *Textiles — Quantitative chemical analysis — Part 4: Mixtures of certain protein fibres with certain other fibres (method using hypochlorite)*

ISO 1833-5 : 2006 *Textiles — Quantitative chemical analysis — Part 5: Mixtures of viscose, cupro or modal and cotton fibres (method using sodium zincate)*

ISO 1833-6 : 2018 *Textiles — Quantitative chemical analysis — Part 6: Mixtures of viscose, certain types of cupro, modal or lyocell with certain other fibres (method using formic acid and zinc chloride)*

ISO 1833-7 : 2017 *Textiles — Quantitative chemical analysis — Part 7: Mixtures of polyamide with certain other fibres (method using formic*