

BUREAU OF INDIAN STANDARDS

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*Draft Indian Standard***Textiles — Determination of certain preservatives — Part 2: Determination of triclosan residues method using LC-MS/MS**

Chemical Methods of Test Sectional Committee, TXD 05

NATIONAL FOREWORD

This Indian Standard intended to be adopted is identical with ISO 22992-2:2020 ‘Textiles — Determination of certain preservatives — Part 2: Determination of triclosan residues method using LC-MS/MS’ issued by the International Organization for Standardization (ISO).

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In the standard intended to be adopted, reference appears to certain International Standard for which Indian Standard also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 3696:1987 Water for analytical laboratory use — Specification and test methods	IS 1070 : 2023 Reagent grade water — Specification (<i>fourth revision</i>)	Technically Equivalent

In reporting the result of a test or analysis made in accordance with this standard, if the final value; observed or calculated, is to be rounded off, it shall be done in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’.

Extract of ISO 22992-2:2020 ‘Textiles — Determination of certain preservatives — Part 2: Determination of triclosan residues method using LC-MS/MS.

Foreword

1 Scope

This document specifies a method for determination of triclosan residues in textiles by high performance liquid chromatography — tandem mass spectrometry (HPLC-MS/MS).

This method is applicable to all kinds of textile products

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.

- i) ISO 3696, Water for analytical laboratory use — Specification and test methods

3 Terms and definitions

No terms and definitions are listed in this document.

4 Principle

The triclosan is extracted from textile specimen by ultrasonic generator with methanol. After being concentrated and diluted to volume, the residue is determined by HPLC-MS/MS, quantified by external standard method.

FORMAT FOR SENDING COMMENTS ON BIS DOCUMENTS

(Please use A4 size sheet of paper only and type within fields indicated. Comments on each clause/sub clause/table/fig etc. be started on a fresh box. Information in column 3 should include reasons for the comments and suggestions for modified working of the clauses when the existing text is found not acceptable. Adherence to this format facilitates Secretariat's work)

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