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| <b>STN</b> | <b>Textílie</b><br><b>Stanovenie obsahu zlúčenín na báze</b><br><b>chlórbenzénu a chlórtoleúenu</b> | <b>STN</b><br><b>EN 17137</b><br><br>80 0624 |
|------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------|

Textiles and textile products - Determination of the content of compounds based on chlorobenzenes and chlorotoluenes

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/25

Obsahuje: EN 17137:2024

Oznámením tejto normy sa ruší  
STN EN 17137 (80 0624) z mája 2019

**139782**



EUROPEAN STANDARD

**EN 17137**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2024

ICS 59.080.01

Supersedes EN 17137:2018

English Version

## Textiles and textile products - Determination of the content of compounds based on chlorobenzenes and chlorotoluenes

Textiles et produits textiles - Détermination de la teneur de composés à base de chlorobenzènes et chlorotoluènes

Textilien und textile Erzeugnisse - Bestimmung des Gehaltes von Verbindungen auf der Basis von Chlorbenzolen und Chlortoluolen

This European Standard was approved by CEN on 6 October 2024.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (EN 17137:2024) has been prepared by Technical Committee CEN/TC 248 “Textiles and textile products”, the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by May 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 17137:2018.

EN 17137:2024 includes the following significant technical changes with respect to EN 17137:2018:

- The clauses have been reorganised and renamed according to CEN/CENELEC Internal Regulations Part 3:2022;
- Clause 1: The scope has been extended to  $\alpha$ -chlorinated toluenes and rephrased;
- Clause 2: EN ISO 4787 has been added;
- 3.1 and 3.2 have been deleted;
- Clause 4 has been rephrased;
- Clause 5 has been reorganised and rephrased;
- 5.2: Several  $\alpha$ -chlorinated toluenes have been added in Table 1, and Table 1 has been reorganised;
- Clause 6 has been reorganised and rephrased;
- 6.6: Triple-quadrupole mass spectrometer has been added as a suitable detector;
- Clause 7 and Clause 8 have been reorganised and rephrased;
- 9.2: A clause on how to calculate the sum of chlorobenzenes and chlorotoluenes has been added;
- 9.3: The limit of quantification of the test method has been given;
- Clause 10 has been reorganised and rephrased;
- a new Annex A: with description on the occurrence of “false positives” has been added;
- a new Annex B with test procedure if “false positives” are suspected has been added;
- Annex C: Former Annex A has become Annex C;
- Table C.1: The description of the injection temperature has been amended;
- Table C.2: Examples of quantifier and qualifier ions have been revised and retention times have been removed;

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- C.2: Instrumental conditions and characteristic masses for quantification with mass chromatograph/triple quad mass spectrometer (GC-MS/MS) have been added;
- Annex D: Former Annex B has become Annex D, has been revised and statistical data have been adopted from the reports on two proficiency tests by the Institute for Interlaboratory Studies;
- Bibliography: Further references have been added.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

## 1 Scope

This document specifies a test method using gas chromatography with mass selective detector (GC-MS) for detection and quantification of chlorobenzenes, chlorotoluenes, and  $\alpha$ -chlorinated toluenes in fibres, yarns, fabrics, coated fabrics and plastics.

## 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.

EN ISO 4787, *Laboratory glass and plastic ware — Volumetric instruments — Methods for testing of capacity and for use (ISO 4787)*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**