

STN	Textílie Stanovenie obsahu zlúčenín na báze chlórbenzénu a chlórtoluénu	STN EN 17137
		80 0624

Textiles - 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 označená vo Vestníku ÚNMS SR č. 04/19

Obsahuje: EN 17137:2018

128371

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 17137

November 2018

ICS 59.080.01

English Version

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

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

Textilien - Bestimmung des Gehaltes von
Verbindungen auf der Basis von Chlorbenzol und
Chlortoluol

This European Standard was approved by CEN on 3 September 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

Contents

	Page
European foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Principle	4
5 Apparatus.....	4
6 Reagents	5
7 Procedure.....	6
7.1 Sampling and test specimen preparation.....	6
7.2 Extraction.....	6
7.3 Filtration	6
7.4 Gas chromatographic determination.....	6
7.5 Calibration	6
7.6 Calculation and expression of the results	7
8 Reliability of the method.....	7
9 Test report.....	7
Annex A (informative) Chromatographic analyses.....	8
A.1 Capillary gas chromatography/mass selective detector (GC-MS)	8
Annex B (informative) Reliability of the method.....	11
B.1 General.....	11
B.2 Accuracy	11
B.3 Detection Limit (LOD) and Quantification Limit (LOQ).....	12
B.4 Repeatability.....	13
B.5 Reproducibility	14
B.6 Robustness.....	15
B.7 Selectivity.....	16
B.8 Extraction Efficiency	17
Bibliography.....	18

European foreword

This document (EN 17137:2018) 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 2019 and conflicting national standards shall be withdrawn at the latest by May 2019.

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 is based on DIN 54 232, which was created by the Working Committee NA 062-05-12 AA "Textiles chemical test methods and fibre separation" of the Standard Committee Testing (NMP) in the DIN Deutsches Institut for Standardization.

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

EN 17137:2018 (E)**1 Scope**

This document specifies a method of analysis for determining the content of chlorobenzenes and chlorotoluenes in textile products made of components such as outer fabric, interlining, lining, plastic slide fasteners, plastic buttons, labels, threads and appliques.

The method applies to a mass fraction of 0,1 mg/kg to 10 mg/kg per single isomer. Both higher and lower concentrations can be determined if the mass of the sample is selected accordingly or if appropriate dilutions are made during the analysis.

2 Normative references

There are no normative references in this document.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN