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**Pulp, paper and board - Determination of pentachlorophenol in an aqueous extract**

Pulp, paper and board - Determination of pentachlorophenol in an aqueous extract

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 15320:2004 sisaldab Euroopa standardi EN ISO 15320:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.05.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 15320:2004 consists of the English text of the European standard EN ISO 15320:2003.</p> <p>This document is endorsed on 18.05.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> This European Standard specifies a test method for the determination of pentachlorophenol (PCP) in an aqueous extract in pulp, paper and board. Though it is developed for paper and board intended to come into contact with foodstuffs, it is applicable to all kinds of pulp, paper and board.</p>	<p><b>Scope:</b> This European Standard specifies a test method for the determination of pentachlorophenol (PCP) in an aqueous extract in pulp, paper and board. Though it is developed for paper and board intended to come into contact with foodstuffs, it is applicable to all kinds of pulp, paper and board.</p>
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ICS 85.040; 85.060

English version

Pulp, paper and board

Determination of pentachlorophenol in an aqueous extract  
(ISO 15320 : 2003)

Pâtes, papier et carton – Détermination  
du pentachlorophénol dans un extrait  
aqueux (ISO 15320 : 2003)

Halbstoff, Papier und Pappe – Bestim-  
mung von Pentachlorphenol in einem  
wässrigen Extrakt (ISO 15320 : 2003)

This European Standard was approved by CEN on 2003-02-20.

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 Management Centre or to any CEN member.

The European Standards exist 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

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## Content

	Page
Foreword.....	3
1 Scope .....	3
2 Normative references .....	3
3 Principle.....	4
4 Apparatus .....	4
4.1 Ordinary laboratory apparatus .....	4
4.2 Solid phase extraction (SPE) system and SPE columns.....	4
4.3 Gas chromatograph.....	4
4.4 Capillary column.....	4
4.5 Detector.....	4
5 Reagents .....	4
5.1 General.....	4
5.2 Methanol, .....	5
5.3 Hydrochloric acid,.....	5
5.4 n-Hexane,.....	5
5.5 Sulphuric acid, .....	5
5.6 Acetic anhydride, .....	5
5.7 Potassium carbonate solution.....	5
5.8 Reference solutions (for ECD).....	5
5.9 Internal standard solutions for ECD .....	5
5.10 Internal standard solutions for MS .....	6
6 Sampling and extraction .....	6
7 Procedure .....	6
7.1 Preparation .....	6
7.2 Solid phase concentration .....	6
7.3 Acetylation.....	7
7.4 Gas chromatographic analysis.....	7
8 Calibration .....	7
8.1 Calibration for electron capture detector, ECD .....	7
8.2 Calibration for mass spectrometer using <sup>13</sup> C-labelled PCP.....	8
9 Calculation.....	8
10 Precision .....	9
11 Test report .....	9
Bibliography .....	10

## Foreword

This document (EN ISO 15320:2003) has been prepared by Technical Committee CEN/TC 172 "Pulp, paper and board", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 6 "Paper, board and pulps".

This European Standard EN ISO 15320:2003 including the Amendment shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2004, and conflicting national standards shall be withdrawn at the latest by June 2004.

**WARNING: The use of this European Standard may involve hazardous materials, e.g. methanol and pentachlorophenol, which are toxic substances, as well as acetic anhydride, which is corrosive. This European Standard does not address all the safety and environmental problems associated with its use. It is the responsibility of the user of this European Standard to establish appropriate safety, health and environmental practices and determine applicability of safety regulations prior to use.**

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

## 1 Scope

This European Standard specifies a test method for the determination of pentachlorophenol (PCP) in an aqueous extract in pulp, paper and board. Though it is developed for paper and board intended to come into contact with foodstuffs, it is applicable to all kinds of pulp, paper and board.

NOTE 1 It was investigated that a hot water extract (acc. to EN 647) is sufficient for the determination of PCP in pulp, paper and board.

The working range for the method is 0,05 mg/kg to 0,5 mg/kg.

NOTE 2 The upper limit of the working range could be increased if the aqueous extract is diluted.

## 2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply in this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 645 *Paper and board intended to come into contact with foodstuffs – Preparation of a cold water extract*

EN 647 *Paper and board intended to come into contact with foodstuffs – Preparation of a hot water extract*

EN ISO 3696:1995 *Water for analytical laboratory use – Specification and test methods (ISO 3696:1987)*