

**SLOVENSKI STANDARD
oSIST prEN 17163:2017**

01-november-2017

Vlaknine, papir, karton in lepenka - Določevanje primarnih aromatičnih aminov (PAA) v vodnem ekstraktu z metodo LC/MS/MS

Pulp, paper and board - Determination of primary aromatic amines (PAA) in a water extract by a LC/MS/MS method

Faserstoff, Papier und Pappe - Bestimmung von primären aromatischen Aminen (PAA) in einem Wasser-Extrakt nach einem LC/MS/MS-Verfahren

Pâtes, papier et carton - Détermination des amines aromatiques primaires (AAP) dans un extrait aqueux par CL-SM/SM

Ta slovenski standard je istoveten z: prEN 17163

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ICS:

85.040	Vlaknine	Pulps
85.060	Papir, karton in lepenka	Paper and board

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English Version

Pulp, paper and board - Determination of primary aromatic amines (PAA) in a water extract by a LC/MS/MS method

Pâtes, papier et carton - Détermination des amines aromatiques primaires (AAP) dans un extrait aqueux par CL-SM/SM

Faserstoff, Papier und Pappe - Bestimmung von primären aromatischen Aminen (PAA) in einem Wasser-Extrakt nach einem LC/MS/MS-Verfahren

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 172.

If this draft becomes a European Standard, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (prEN 17163:2017) has been prepared by Technical Committee CEN/TC 172 “Pulp, paper and board”, the secretariat of which is held by DIN.

This document is currently submitted to the Enquiry.

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Introduction

Primary aromatic amines (PAAs) can occur in paper and board materials as residual basic chemicals for the production of azodyes. Furthermore, hydrolysis products of isocyanates especially from paper laminates may be a possible source.

A draft of a European standard EN 13130-XX concerning the "Determination of Primary Aromatic Amines (PAAs) in Food Simulants" has been prepared by the standardization committee CEN/TC 194/SC1/TG9.

When preparing this standard it has been assessed by the laboratories participating that the photometric screening method described in part A of the draft of standard EN 13130-XX is not applicable for the examination of water extracts of paper and board materials due to interferences of extractable paper components which caused irreproducible test results.

Due to the advantages of the MS/MS-detection regarding selectivity and sensitivity the determination of primary aromatic amines by means of LC-MS/MS was found to be capable for water extracts of paper and board materials when preparing this standard.

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