

SLOVENSKI STANDARD

SIST EN ISO 14362-1:2017

01-april-2017

Nadomešča:
SIST EN 14362-1:2012

Tekstilije - Metode za določevanje nekaterih aromatskih aminov, izvirajočih iz azo barvil - 1. del: Zaznavanje prisotnosti določenih azo barvil, dostopnih z ekstrahiranjem vlaken in brez njega (ISO 24362-1:2017)

Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (ISO 24362-1:2017)

Itēh STANDARD PREVIEW

(standards.iteh.ai)

Textilien - Verfahren für die Bestimmung gewisser aromatischer Amine aus Azofarbstoffen - Teil 1: Nachweis der Verwendung gewisser Azofarbstoffe mit und ohne Extraktion der Fasern (ISO 24362-1:2017) [SIST EN ISO 14362-1:2017](https://standards.iteh.ai/catalog/standards/sist/cef25619-ce22-4f3e-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017)
<https://standards.iteh.ai/catalog/standards/sist/cef25619-ce22-4f3e-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017>

Textiles - Méthodes de détermination de certaines amines aromatiques dérivées de colorants azoïques - Partie 1 : Détection de l'utilisation de certains azo-colorants accessibles avec ou sans extraction (ISO 24362-1:2017)

Ta slovenski standard je istoveten z: EN ISO 14362-1:2017

ICS:

59.080.01 Tekstilije na splošno Textiles in general

SIST EN ISO 14362-1:2017

sl,en,fr

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

SIST EN ISO 14362-1:2017
<https://standards.iteh.ai/catalog/standards/sist/cef25619-ce22-4f3e-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14362-1

February 2017

ICS 59.060.01

Supersedes EN 14362-1:2012

English Version

Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (ISO 14362-1:2017)

Textiles - Méthodes de détermination de certaines amines aromatiques dérivées de colorants azoïques - Partie 1: Détection de l'utilisation de certains colorants azoïques accessibles avec ou sans extraction (ISO 14362-1:2017)

Textilien - Verfahren für die Bestimmung gewisser aromatischer Amine aus Azofarbstoffen - Teil 1: Nachweis der Verwendung gewisser Azofarbstoffe mit und ohne Extraktion der Fasern (ISO 14362-1:2017)

This European Standard was approved by CEN on 21 December 2016.

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 <http://www.cen-cenelec.eu/standards/itc/standardPreview/standardDetail?standardId=25619&languageId=1&languageName=English&standardVersionId=4493596eb/sist-en-iso-14362-1-2017>

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: Avenue Marnix 17, B-1000 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 14362-1:2017](#)
<https://standards.iteh.ai/catalog/standards/sist/cef25619-ce22-4f3e-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017>

European foreword

This document (EN ISO 14362-1:2017) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with 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 August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

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

This document supersedes EN 14362-1:2012.

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.

STANDARD PREVIEW (standards.iteh.ai)

The text of ISO 14362-1:2017 has been approved by CEN as EN ISO 14362-1:2017 without any modification.
<https://standards.iteh.ai/catalog/standards/sist/ccl25619-ce22-4f3e-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017>

**iTeh STANDARD PREVIEW
(standards.iteh.ai)**

SIST EN ISO 14362-1:2017
<https://standards.iteh.ai/catalog/standards/sist/cef25619-ce22-4f3e-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017>

INTERNATIONAL
STANDARD

ISO
24362-1

First edition
2014-02-01

**Textiles — Methods for determination
of certain aromatic amines derived
from azo colorants —**

Part 1:
**Detection of the use of certain azo
colorants accessible with and without
extracting the fibres
(standards.iteh.ai)**

*Textiles — Méthodes de détermination de certaines amines
aromatiques dérivées de colorants azoïques —
Partie 1: Détection de l'utilisation de certains colorants azoïques
accessibles avec ou sans extraction*

<https://standards.iteh.ai/catalog/standards/sist/iso/25619-cc22-4f2c-aab94cf1bb306eb7/sist-en-iso-14362-1-2017>



Reference number
ISO 24362-1:2014(E)

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 14362-1:2017](#)

<https://standards.iteh.ai/catalog/standards/sist/cef25619-ce22-4f3e-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 General	1
4 Principle	3
5 Safety precautions	3
6 Reagents	3
7 Apparatus	5
8 Test specimen sampling and preparation	6
8.1 General	6
8.2 Textile article	6
8.3 Fibre composition	7
8.4 Case of the fibre blends	7
8.5 Printed materials	7
8.6 Colours	7
9 Procedure	8
9.1 Colorant extraction for disperse dyes	8
9.2 Textiles dyed with dyes other than disperse dyes	8
9.3 Reductive cleavage	8
9.4 Separation and concentration of the amines	9
9.5 Amine detection and quantification	9
9.6 Check procedure	9
94cf1bb306eb/sist-en-iso-14362-1-2017	
10 Evaluation	11
10.1 General	11
10.2 Calculation of amine in the sample	11
10.3 Reliability of the method	11
11 Test report	11
Annex A (informative) Chromatographic analyses	12
Annex B (informative) Reliability of the method	16
Annex C (informative) Assessment guide — Interpretation of analytical results	17
Annex D (informative) Explanatory table of dyestuffs used in various textile materials	19
Annex E (informative) Procedure for liquid-liquid-extraction without diatomaceous earth	21
Annex F (normative) Colorants-Methods for determination of certain aromatic amines	24
Bibliography	25

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. www.iso.org/patents

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 38, *Textiles*.

ISO 24362 consists of the following parts, under the general title *Textiles — Methods for determination of certain aromatic amines derived from azo colorants*: www.iso.org/standard/25619 www.iso.org/standard/25619-ce22-4be-aaab-94cf1bb306eb

[94cf1bb306eb/sist-en-iso-14362-1-2017](http://www.iso.org/standard/25619-ce22-4be-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017)

- *Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres*
- *Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene*

Introduction

This part of ISO 24362 is based on EN 14362-1:2012 which has been prepared by Technical Committee CEN/TC 248 “Textiles and textile products”, the secretariat of which is held by BSI.

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 14362-1:2017
<https://standards.iteh.ai/catalog/standards/sist/cef25619-ce22-4f3e-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 14362-1:2017
<https://standards.iteh.ai/catalog/standards/sist/cef25619-ce22-4f3e-aaab-94cf1bb306eb/sist-en-iso-14362-1-2017>