

**SLOVENSKI**  
**STANDARD**

**SIST-TS CEN ISO/TS**  
**17234:2004**

maj 2004

---

---

**Usnje – Kemični preskusi – Določevanje določenih azo barvil na barvanem usnju (ISO/TS 17234:2003)**

Leather - Chemical tests - Determination of certain azo colourants in dyed leathers (ISO/TS 17234:2003)

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

[SIST-TS CEN ISO/TS 17234:2004](https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004)  
<https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004>

---

ICS 59.140.30

Referenčna številka  
SIST-TS CEN ISO/TS 17234:2004(en)

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

[SIST-TS CEN ISO/TS 17234:2004](https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004)

<https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004>

ICS 59.140.30

English version

**Leather - Chemical tests - Determination of certain azo  
colourants in dyed leathers (ISO/TS 17234:2003)**

Cuir - Essais chimiques - Dosage de certains colorants  
azoïques dans les cuirs teints (ISO/TS 17234:2003)

Leder - Chemische Prüfungen - Bestimmung bestimmter  
Azofarbstoffe in gefärbten Ledern (ISO/TS 17234:2003)

This Technical Specification (CEN/TS) was approved by CEN on 14 May 2003 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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

**(standards.iteh.ai)**

[SIST-TS CEN ISO/TS 17234:2004](https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004)

<https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004>



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

---

## **Foreword**

This document (CEN ISO/TS 17234:2003) has been prepared by Technical Committee CEN/TC 289 "Leather", the secretariat of which is held by UNI, in collaboration with the International Union of Leather Technologists and Chemists Societies (IULTCS).

It is based on Method IUC 20 of the International Union of Leather Technologists and Chemists Societies.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this CEN Technical Specification: 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.

## **Endorsement notice**

The text of ISO/TS 17234:2003 has been approved by CEN as CEN ISO/TS 17234:2003 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

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

[SIST-TS CEN ISO/TS 17234:2004](https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004)

<https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004>

**Annex ZA**  
(normative)

**Normative references to international publications  
with their relevant European publications**

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 to 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).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u>                                                                       | <u>EN</u>   | <u>Year</u> |
|--------------------|-------------|------------------------------------------------------------------------------------|-------------|-------------|
| ISO 4044           | 1977        | Leather - Preparation of chemical test samples                                     | EN ISO 4044 | 1998        |
| ISO 3696           | 1987        | Water for analytical laboratory use. Specification and test methods                | EN ISO 3696 | 1995        |
| ISO 2418           | 2002        | Leather - Chemical, physical and mechanical and fastness tests - Sampling location | EN ISO 2418 | 2002        |

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

[SIST-TS CEN ISO/TS 17234:2004](https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004)

<https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004>

TECHNICAL  
SPECIFICATION

ISO/TS  
17234

IULTCS/  
IUC 20

First edition  
2003-08-15

---

---

**Leather — Chemical tests —  
Determination of certain azo colourants  
in dyed leathers**

*Cuir — Essais chimiques — Dosage de certains colorants azoïques  
dans les cuirs teints*

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

[SIST-TS CEN ISO/TS 17234:2004](https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004)

<https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004>



Reference number  
ISO/TS 17234:2003(E)  
IULTCS/IUC 20

© ISO 2003

**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

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

[SIST-TS CEN ISO/TS 17234:2004](https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004)

<https://standards.iteh.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004>

© ISO 2003

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing 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](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland



## Contents

Page

|                                            |    |
|--------------------------------------------|----|
| Foreword.....                              | iv |
| 1 Scope.....                               | 1  |
| 2 Normative references .....               | 1  |
| 3 Terms and definitions.....               | 1  |
| 4 Principle .....                          | 2  |
| 5 Special equipment and supplies .....     | 2  |
| 6 Chemicals .....                          | 3  |
| 7 Sampling and preparation of samples..... | 4  |
| 8 Procedure .....                          | 4  |
| 9 Calibration.....                         | 5  |
| 10 Chromatographic analyses.....           | 5  |
| 11 Evaluation .....                        | 6  |
| 12 Analysis report.....                    | 7  |
| 13 Precision of the method.....            | 7  |

[SIST-TS CEN ISO/TS 17234:2004](https://standards.itech.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004)  
<https://standards.itech.ai/catalog/standards/sist/9f9e7d07-f1f0-487a-ac4e-86ceaaa9a62c/sist-ts-cen-iso-ts-17234-2004>