
Usnje - Kemično določevanje kroma (VI) v usnju - Termično staranje usnja in določevanje šestvalentnega kroma (ISO 10195:2018)

Leather - Chemical determination of chromium(VI) content in leather - Thermal pre-ageing of leather and determination of hexavalent chromium (ISO 10195:2018)

Leder - Chemische Bestimmung des Chrom(VI)-Gehalts in Leder - Thermische Voralterung von Leder und Bestimmung von sechswertigem Chrom (ISO 10195:2018)

Cuir - Détermination chimique de la teneur en chrome(VI) du cuir - Vieillissement thermique du cuir et détermination de la teneur en chrome hexavalent (ISO 10195:2018)

[SIST EN ISO 10195:2021](https://standards.iteh.ai/catalog/standards/sist/4119dea9-cb4c-4215-90d3-36f755333eb4/sist-en-iso-10195-2021)

[https://standards.iteh.ai/catalog/standards/sist/4119dea9-cb4c-4215-90d3-](https://standards.iteh.ai/catalog/standards/sist/4119dea9-cb4c-4215-90d3-36f755333eb4/sist-en-iso-10195-2021)

Ta slovenski standard je istoveten z: EN ISO 10195:2021

ICS:

59.140.30	Usnje in krzno	Leather and furs
71.060.10	Kemični elementi	Chemical elements

SIST EN ISO 10195:2021**en,fr,de**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 10195:2021

<https://standards.iteh.ai/catalog/standards/sist/4119dea9-eb4c-4215-90d3-36f755333eb4/sist-en-iso-10195-2021>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 10195

August 2021

ICS 59.140.30

English Version

**Leather - Chemical determination of chromium(VI)
content in leather - Thermal pre-ageing of leather and
determination of hexavalent chromium (ISO 10195:2018)**

Cuir - Détermination chimique de la teneur en
chrome(VI) du cuir - Vieillissement thermique du cuir
et détermination de la teneur en chrome hexavalent
(ISO 10195:2018)

Leder - Chemische Bestimmung des Chrom(VI)-Gehalts
in Leder - Thermische Voralterung von Leder und
Bestimmung von sechswertigem Chrom (ISO
10195:2018)

This European Standard was approved by CEN on 9 August 2021.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, 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

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 10195:2021
<https://standards.iteh.ai/catalog/standards/sist/4119dea9-eb4c-4215-90d3-36f755333eb4/sist-en-iso-10195-2021>

European foreword

The text of ISO 10195:2018 has been prepared by Technical Committee ISO/IULTCS "International Union of Leather Technologists and Chemists Societies" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10195:2021 by Technical Committee CEN/TC 289 "Leather" the secretariat of which is held by UNI.

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 February 2022, and conflicting national standards shall be withdrawn at the latest by February 2022.

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.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

(standards.iteh.ai)

Endorsement notice

[SIST EN ISO 10195:2021](https://standards.iteh.ai/catalog/standards/sist/4119dea9-eb4c-4215-90d3-561755553cb4/sist-en-iso-10195-2021)

The text of ISO 10195:2018 has been approved by CEN as EN ISO 10195:2021 without any modification.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 10195:2021

<https://standards.iteh.ai/catalog/standards/sist/4119dea9-eb4c-4215-90d3-36f755333eb4/sist-en-iso-10195-2021>

INTERNATIONAL
STANDARDISO
10195

IULTCS/IUC 41

First edition
2018-05

**Leather — Chemical determination
of chromium(VI) content in leather
— Thermal pre-ageing of leather
and determination of hexavalent
chromium**

*Cuir — Détermination chimique de la teneur en chrome(VI) du cuir
— Vieillessement thermique du cuir et détermination de la teneur en
chrome hexavalent*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 10195:2021

<https://standards.iteh.ai/catalog/standards/sist/4119dea9-eb4c-4215-90d3-36f755333eb4/sist-en-iso-10195-2021>



Reference numbers
ISO 10195:2018(E)
IULTCS/IUC 41:2018(E)

© ISO 2018

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 10195:2021

<https://standards.iteh.ai/catalog/standards/sist/4119dea9-eb4c-4215-90d3-36f755333eb4/sist-en-iso-10195-2021>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Apparatus	1
6 Procedure	2
7 Test report	3
Annex A (informative) Accuracy	4
Annex B (informative) Natural ageing and development of hexavalent chromium	5

iTeh STANDARD PREVIEW

(standards.iteh.ai)

SIST EN ISO 10195:2021

<https://standards.iteh.ai/catalog/standards/sist/4119dea9-eb4c-4215-90d3-36f755333eb4/sist-en-iso-10195-2021>

ISO 10195:2018(E)
IULTCS/IUC 41:2018(E)

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 (see 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 (see 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 voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html. (standards.itech.ai)

This document was prepared by the Chemical Test Commission of the International Union of Leather Technologists and Chemists Societies (IUC Commission, IULTCS) in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 289, *Leather*, the secretariat of which is held by UNI, and the European Committee for Standardization (CEN) Technical Committee CEN/TC 309, *Footwear*, the secretariat of which is held by AENOR, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

IULTCS, originally formed in 1897, is a world-wide organization of professional leather societies to further the advancement of leather science and technology. IULTCS has three Commissions, which are responsible for establishing international methods for the sampling and testing of leather. ISO recognizes IULTCS as an international standardizing body for the preparation of test methods for leather.