



SLOVENSKI STANDARD
SIST EN ISO 5398-1:2009
01-januar-2009

I gb^Y!`?Ya]^g_c`Xc`c Yj Ub^Y`_fca cj Y[Uc_g]XU!`%`XY.`?j Ub^Hj bU^HfUW^U
fGC`) ' - , !%&\$+\$Ł

Leather - Chemical determination of chromic oxide content - Part 1: Quantification by titration (ISO 5398-1:2007)

Leder - Chemische Bestimmung des Chromoxidgehaltes - Teil 1: Bestimmung durch Titration (ISO 5398-1:2007)

Cuir - Dosage de l'oxyde de chrome - Partie 1: Quantification par titrage (ISO 5398-1:2007)

<https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009>

Ta slovenski standard je istoveten z: EN ISO 5398-1:2007

ICS:

59.140.30 Usnje in krzno Leather and furs

SIST EN ISO 5398-1:2009 en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 5398-1:2009

<https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 5398-1

August 2007

ICS 59.140.30

English Version

**Leather - Chemical determination of chromic oxide content - Part
1: Quantification by titration (ISO 5398-1:2007)**

Cuir - Dosage chimique de l'oxyde de chrome - Partie 1:
Quantification par titrage (ISO 5398-1:2007)

Leder - Chemische Bestimmung des Chromoxidgehalts -
Teil 1: Bestimmung durch Titration (ISO 5398-1:2007)

This European Standard was approved by CEN on 28 July 2007.

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 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 Management Centre has the same status as the official versions.

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

[SIST EN ISO 5398-1:2009](https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009)

<https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009>



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

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

Contents

Page

Foreword.....3

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

SIST EN ISO 5398-1:2009

<https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009>

Foreword

This document (EN ISO 5398-1:2007) 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).

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 2008, and conflicting national standards shall be withdrawn at the latest by February 2008.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 5398-1:2009](https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009)

<https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 5398-1:2009

<https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009>

INTERNATIONAL
STANDARD

ISO
5398-1

IULTCS/IUC
8:1

First edition
2007-08-01

Leather — Chemical determination of
chromic oxide content —

Part 1:

Quantification by titration

(standards.iteh.ai)

Cuir — Dosage chimique de l'oxyde de chrome —

Partie 1: Quantification par titrage

<https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009>



Reference number
ISO 5398-1:2007(E)
IULTCS/IUC 8:1:2007(E)

ISO 5398-1:2007(E)
IULTCS/IUC 8:1:2007(E)**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 EN ISO 5398-1:2009](https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009)

<https://standards.iteh.ai/catalog/standards/sist/ba6402e0-8a8f-4402-88b9-427e4c7fb63d/sist-en-iso-5398-1-2009>

**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2007

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
Web 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 Sampling and sample preparation.....	2
6 Reagents.....	2
6.1 Wet oxidation method	2
6.2 Alkaline fusion method	2
6.3 Iodometric titration	2
7 Apparatus	2
8 Methods	3
8.1 Preparation of an analytical solution.....	3
8.2 Measurement of the aqueous solution.....	3
9 Calculation and expression of results.....	4
9.1 General.....	4
9.2 Repeatability.....	4
10 Test report	4
Annex A (informative) Determination of water and other volatile matter	5