



SLOVENSKI STANDARD
SIST EN ISO 4044:2000
01-februar-2000

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Leather - Preparation of chemical test samples (ISO 4044:1977)

Leder - Vorbereitung von Proben für chemische Untersuchungen (ISO 4044:1977)

Cuir - Préparation des échantillons pour essais chimiques (ISO 4044:1977)

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Ta slovenski standard je istoveten z: EN ISO 4044:1998

[SIST EN ISO 4044:2000](https://standards.iteh.ai/catalog/standards/sist/762a4d3d-5850-48a6-bd47-d913bface5c8/sist-en-iso-4044-2000)

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ICS:

59.140.30

SIST EN ISO 4044:2000

en

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ICS 59.140.30

Descriptors: see ISO document

English version

Leather - Preparation of chemical test samples (ISO 4044:1977)

Cuir - Préparation des échantillons pour essais chimiques
(ISO 4044:1977)

Leder - Vorbereitung von Proben für chemische
Untersuchungen (ISO 4044:1977)

This European Standard was approved by CEN on 30 April 1998.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard from Technical Committee ISO/TC 120 "Leather" of the International Organization for Standardization (ISO) has been taken over as an European Standard 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 January 1999, and conflicting national standards shall be withdrawn at the latest by January 1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 4044:1977 has been approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD



4044

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION -МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ -ORGANISATION INTERNATIONALE DE NORMALISATION

Leather — Preparation of chemical test samples

Cuir — Préparation des échantillons pour essais chimiques

First edition — 1977-09-15

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UDC 675 : 620.115/118

Ref. No. ISO 4044-1977 (E)

Descriptors : leather, chemical tests, test specimens, test specimen conditioning.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 4044 was developed by Technical Committee ISO/TC 120, *Leather*, and was circulated to the member bodies in May 1976.

It has been approved by the member bodies of the following countries :

Australia	India	Poland
Brazil	Iran	Portugal
Canada	Ireland	South Africa, Rep. of
Chile	Israel	Spain
Czechoslovakia	Korea, Rep. of	Turkey
France	Mexico	U.S.S.R.
Germany	Netherlands	
Hungary	New Zealand	

No member body expressed disapproval of the document.

Leather – Preparation of chemical test samples

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1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies a method for preparation of a test sample of leather for chemical analysis. The method is applicable to all leathers of all types and tannage.

2 PRINCIPLE

Grinding of pieces of the leather using a cutter mill.

3 APPARATUS

Cutter mill, having a knife rotational frequency of 700 to 1 000 min⁻¹* and a perforated sieving plate with 4 mm diameter perforations. The mill knives shall be sharpened as required.

NOTE – Mill, screen and catching base shall be thoroughly cleaned every time they have been used. Water should not be used for cleaning.

4 PREPARATION OF TEST SAMPLE

Before grinding, make the pieces of leather smaller by stamping or cutting into small pieces. The strips should measure about 10 mm. If the moisture content of the test pieces is greater than 30 %, pre-dry them at a temperature not exceeding 50 °C, and then condition at 20 °C and 65 % relative humidity for 24 h; reweigh and grind. On no account grind wet or damp leather in the mill.

NOTE – Cutting into very fine pieces can be used in certain cases.

5 STORAGE OF TEST SAMPLE

Mix the prepared test sample thoroughly and place it in a clean, dry, air-tight container. The container shall be kept away from localized sources of heat.

* 1 min⁻¹ corresponds to 1 revolution per minute.

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