

**Leather - Chemical tests - Quantitative analysis of
tanning agents by filter method (ISO 14088:2012)**

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NATIONAL FOREWORD

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English Version

Leather - Chemical tests - Quantitative analysis of tanning
agents by filter method (ISO 14088:2012)

Cuir - Essais chimiques - Analyse quantitative des agents
de tannage par la méthode au filtre cloche (ISO
14088:2012)

Leder - Chemische Prüfung - Quantitative Analyse von
Gerbstoffen durch Filterverfahren (ISO 14088:2012)

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Foreword

This document (EN ISO 14088:2012) has been prepared by Technical Committee CEN/TC 289 "Leather", the secretariat of which is held by UNI, in collaboration with Technical Committee IULTCS "International Union of Leather Technologists and Chemists Societies".

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of an identical text or by endorsement, at the latest by August 2012, and conflicting national standards shall be withdrawn at the latest by August 2012.

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Leather — Chemical tests — Quantitative analysis of tanning agents by filter method

1 Scope

This International Standard specifies a test method for the determination of tanning agents through filtration of all vegetable and synthetic tanning products.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

3 Principle

Indirect gravimetric analysis of vegetable and synthetic tanning agents through fixing of the absorbent compounds on low-chromed hide powder.

4 Reagents

4.1 Distilled water, freshly prepared according to ISO 3696 (Water for analytical laboratory use, Grade 3).

The pH value of the water shall be between 5 and 6. When using methyl red, the water should not turn red. The evaporation residue of 100 ml should be less than 1 mg.

4.2 Hide powder¹⁾, containing not more than 0,5 % chromium oxide and with a humidity not more than 13 %.

The blank value of the hide powder shall be calculated according to Annex B.

4.3 Gelatine solution, of 1 g gelatine and 10 g sodium chloride, filled up to 100 ml with distilled water, adjusted to pH = 4,7.

5 Apparatus

The glass equipment shall be resistant to the action of distilled water. The flasks and tubes shall be Class A.

Use normal laboratory equipment and, in particular, the following.

5.1 Desiccator, with an airtight cover and containing silica orange gel.

1) See Annex C.