

Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants (ISO 17234-1:2015)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1: Determination of certain aromatic amines derived from azo colorants (ISO 17234-1:2015)

Cuir - Essais chimiques pour le dosage de certains colorants azoïques dans les cuirs teints - Partie 1: Dosage de certaines amines aromatiques dérivées des colorants azoïques (ISO 17234-1:2015)

Leder - Chemische Prüfungen zur Bestimmung bestimmter Azofarbstoffe in gefärbten Ledern - Teil 1: Bestimmung bestimmter aromatischer Amine aus Azofarbstoffen (ISO 17234-1:2015)

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 17234-1:2015) has been prepared by IULTCS "International Union of Leather Technologists and Chemists Societies" in collaboration with 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of an identical text or by endorsement, at the latest by October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.

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Endorsement notice

The text of ISO 17234-1:2015 has been approved by CEN as EN ISO 17234-1:2015 without any modification.

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Leather — Chemical tests for the determination of certain azo colorants in dyed leathers —

Part 1:

Determination of certain aromatic amines derived from azo colorants

1 Scope

This part of ISO 17234 specifies a method for determining the use of certain azo colorants which can release certain aromatic amines.

2 Normative references

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

ISO 2418, *Leather — Chemical, physical and mechanical and fastness tests — Sampling location*

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods*

ISO 4044, *Leather — Chemical tests — Preparation of chemical test samples*

ISO 17234-2, *Leather — Chemical tests for the determination of certain azo colorants in dyed leathers — Part 2: Determination of 4-aminoazobenzene*

3 General

Certain azo colorants can release, by reductive cleavage of azo group(s), one or more of the following aromatic amines, which are listed in Appendix 8 of EU Regulation 1907/2006, Annex XVII of the European Parliament, and/or the Chinese Standard GB 20400-2006.

Table 1 — Aromatic amines listed in Appendix 8 of EU regulation 1907/2006, Annex XVII, and/or GB 20400-2006

No.	CAS number	Index number	EC number	Substances
1	92-67-1	612-072-00-6	202-177-1	biphenyl-4-ylamine 4-aminobiphenyl xenylamine
2	92-87-5	612-042-00-2	202-199-1	benzidine
3	95-69-2		202-441-6	4-chloro-o-toluidine
4	91-59-8	612-022-00-3	202-080-4	2-naphthylamine
5 ^a	97-56-3	611-006-00-3	202-591-2	o-aminoazotoluene 4-amino-2',3-dimethyla- zobenzene 4-o-tolylazo-o-toluidine
6 ^a	99-55-8		202-765-8	5-nitro-o-toluidine
7	106-47-8	612-137-00-9	203-401-0	4-chloroaniline