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**NATIONAL STANDARD OF THE PEOPLE'S**

**REPUBLIC OF CHINA**

**中华人民共和国国家标准**

GB/T 19942-2005

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**Leather and Fur-Chemical Tests – Determination of  
Banned Azo Colourants**

**皮革和毛皮 化学试验 禁用偶氮染料的测定**

**(ISO/TS 17234: 2003, Leather—Chemical tests—Determination of certain azo  
colourants in dyed leather, MOD)**

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Quarantine of the People's Republic of China  
Standardization Administration of the People's Republic of China  
(SAC)**

## Foreword

This Standard is revision of ISO/TS 17234: 2003, *Leather—Chemical tests—Determination of certain azo colourants in dyed leather*.

The methods used in ISO/TS 17234:2003 are based on the IUC/20 standard of IULTCS.

For convenient comparison, the comparison table of the terms of this standard and the international standard is listed in the informational Annex B.

The table of technical differences and reasons is offered for reference in the informational Annex C.

Based on the actual condition of the country, this standard is modified while adopting ISO/TS 17234:2003. Vertical single lines can be marked in the margins of the related terms for the technical differences.

For ease of use, following changes for this Standard have been made:

- a) Delete the foreword in International Standard;
- b) Change the “this International Standard” as “this Standard”;
- c) Replace comma “,” by decimal point “.”.

Annex A, B and C of this Standard are informative annex.

This Standard is proposed by China National Light Industry.

This Standard is under the jurisdiction of National Technical Committee 252 on Leather of Standardization Administration of China.

Chief draft units of this Standard: China Industry Research Institute of Leather and Shoemaking, Suzhou Institute of Technology, Entry-Exit Inspection and Quarantine Bureau of Jiaxing, P.R. China, Xinji Tengyue Co., Ltd and Xinxiang Heitian Minglinag Co., Ltd.

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# **Leather and Fur-Chemical Tests – Determination of Banned Azo Colourants**

## **1 Scope**

This Standard specifies a method for determining the use of banned azo colourants which may release 23 banned aromatic amines.

This Standard is applicable to different leathers and fur products

## **2 Normative References**

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 6682-1992 Water for analytical laboratory use - Specification and test methods (neq ISO 3696: 1987)

QB/T 1267 Fur products – Preparation and chemical analysis of sample

QB/T 1272 Fur – Preparation of chemical analysis sample and principle of chemical analysis

QB/T 2706 Fur – Chemical, physical, mechanical and color fastness test – Sample position (QB/T 2706-2005, ISO 2418: 2002, MOD)

QB/T 2716 Fur – Preparation of chemical test piece (QB/T 2716-2005, ISO 4044: 1977, MOD)

## **3 Terms and Definitions**

For the purposes of this document, the following terms and definitions apply.

### **3.1 Banned azo colourants**

Banned azo colourants are such colourants as may, by cleavage of their azo group or azo groups, form the amines listed below.

According to the current state of scientific knowledge, evidence of the use of banned azo colourants in the manufacture or treatment of leathers is said to exist, where the coloured leather yields upon cleavage under the conditions of this procedure one of the following amines and the determined level of any of these amines exceeds 30 mg/kg.



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