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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 3903.30-2015

**Footwear -- Test method for outsoles, insoles, linings and
insocks -- Water soluble content**

鞋类 外底、内底、衬里和内垫试验方法 水溶物含量

(English Translation)

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Foreword

This Standard was drafted as per the rules specified in GB/T 1.1-2009.

This Standard replaces GB/T 3903.30-2008 Footwear - Test Method for Outsoles, Insoles, Linings and Insocks - Water Soluble Content(ISO 20869.2001).

Compared with GB/T 3903.30-2008, this Standard mainly has the following changes.

--- Delete the description of "this part is applicable to various footwears outsoles, insoles, linings and insocks" in the scope of the standard;

--- In 4.11, oven's controlled temperature is changed from (102 ± 10) °C into (102 ± 2) °C;

--- Separate "distilled water and sulfuric acid" from Chapter 4 Apparatus and Materials, and form Chapter 5 "Reagents". Change heat retention definition into thermal insulation definition.

This Standard's translation equivalently adopts ISO 20869.2010 Footwear - Test Method for Outsoles, Insoles, Linings and Insocks - Water Soluble Content (English Edition).

Chinese documents that have consistent relationship with the international documents in normative references in this Standard are as follows.

--- GB/T 22049-2008 Footwear - Standard Atmospheres for Conditioning and Testing of Footwear and Components for Footwear (ISO 18454.2001,IDT);

--- GB/T 22050-2008 Footwear - Sampling Location Preparation and Duration of Conditioning of Samples and Test Pieces (ISO 17709.2004,IDT).

Pay attention that some contents of this document may involve the patents. The issuing authority of this document doesn't assume responsibility for identifying these patents.

This Standard was proposed by China Light Industry Council.

This Standard shall be under the jurisdiction of National Technical Committee for Standardization of Footwear (SAC/TC 305).

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Footwear - Test Method for Outsoles, Insoles, Linings
and Insocks - Water Soluble Content

1 Scope

This Standard specifies a method for the determination of the water soluble contents for outsoles, insoles, lining and insocks.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this standard.

ISO 17709 Footwear - Sampling Location, Preparation and Duration of Conditioning of Samples and Test Pieces

ISO 18454 Footwear - Standard Atmospheres for Conditioning and Testing of

Footwear and Components for Footwear

3 Terms and Definitions

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

3.1 Water soluble matter

Quantity of all those substances that, under certain conditions, are dissolved out of the material by water.

3.2 Water soluble inorganic substances

Sulfated ash of water soluble substances.

3.3 Water soluble organic substances

Difference between total water solubles and sulfated ash of water solubles.

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