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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3840.2-2014

Footwear and footwear components. Test methods to assess anti-epiphyte activity

鞋类和鞋材 抗真菌性能测试方法

(English Translation)

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Foreword

SN/T 3840 "Shoes and Footwear" is divided into two parts.

--- Part 1. anti-bacterial properties of test methods;

--- Part 2. Test method for anti-fungal properties.

This section SN/T 3840 Part 2.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

SN/T 3840 provisions of this part of the test methods Shoes and shoe antifungal ability.

This section applies to antibacterial shoe materials and footwear products.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

SN/T 1538.1 media preparation Guide - Part 1. General laboratory quality assurance prepared medium SN/T 1538.2 media preparation Guide Part 2. A Practical Guide to medium performance test

3 Terms and Definitions

The following terms and definitions apply to this document.

Anti-fungal properties of anti-epiphyteactivity Product has properties inhibiting fungal

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growth.

For still contrastsamples Fungal growth conditions for validation testing footwear materials.

Note: the equivalent of material samples without antibacterial treatment.

4 Equipment and Materials

4.1
incubator temperature and humidity. The temperature can be maintained at (28 ± 2) °C, relative humidity can be maintained at 90% ± 5%.

4.2
Class II biological safety cabinet.

4.3
Balance. a sense of the amount of 0.001g.

4.4
Refrigerator. maintaining the temperature at between 2 °C ~ 8 °C.

4.5
Autoclave. temperature maintained at 121 °C, the pressure at 103kPa.

4.6
dish. diameter of 90mm.

4.7
Pipette. for each use of the range, with plastic nozzle, the error is not more than 0.5%.

4.8
centrifuge. speed 4000r/min.

4.9
flasks, test tubes, glass rods, glass beads and other glassware.

4.10
Sprayer. size of less than 50μm.

4.11
pH meter. reading accuracy 0.1.

4.12
chamber. airtight plastic box, made of glass and other materials, size not less than 200mm x 100mm x 100mm.

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