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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3378-2012

Methods of microbiological examination for toys. Determination of aerobic bacterial count

玩具细菌总数检测方法

(English Translation)

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Preview: page 1 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3378-2012

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Table of Contents

Foreword

1 Scope

2 Terms and definitions

3 Equipment and materials

Foreword

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

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

This standard was drafted. People's Republic of China Beijing Entry-Exit Inspection and Quarantine Bureau.

1 Scope

This standard specifies the method for the detection of total bacteria toy.

This standard applies to detect the following toys and toy materials.

--- Soft modeling clay;

--- Toys contained in liquid, paste, putty, gels and powders;

--- Toys filler;

--- Used on the toy animal and plant natural materials (such as. feathers, leather products, etc.);

--- Toys Cosmetics;

--- And toys for children under 3 years of use;

--- Sold together with food toys.

2 Terms and definitions

The following terms and definitions apply to this document.

Total number of bacteria aerobicbacterialcount Toy test sample treated, under certain conditions after culture (such as. medium composition, temperature and time, pH, aerobic nature, etc.), 1g (Or 25cm2 surface) of the total number of colonies formed. The results

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obtained are cultured under conditions specified in this standard includes only a group of plate count agar the total number of bacterial colonies on the growth and development of the fat mesophilic aerobic or facultative anaerobes.

Filler stuffingmaterials Toys and children's products filled in so that the interior exhibits a predetermined shape materials, including. various types of synthetic or natural fibers, foams, sea Cotton, plastic granules, seeds, paper. It does not include sound, power, support, electronic components and other functional parts.

3 Equipment and materials

In addition to the microbiological laboratory conventional sterilization and cultivation equipment, other equipment and materials as follows.

3.1
incubator. 36 °C ± 1 °C.

3.2
constant temperature water bath. 46 °C ± 1 °C.

3.3
homogenizer.

3.4
oscillator.

3.5
sterile pipette. 1mL (having 0.01mL scale), 10mL (with 0.1mL scale) or micro pipettes and tips.

3.6
sterile, disposable plates. diameter 90mm.

3.7
sterile homogenization bags.

3.8
sterile tube. 18mm x 180mm.

3.9
sterile cotton swab.

Preview: page 3 of 3 shown, 7 in the full document. Complete English PDF, instant download:
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