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

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**Clothes washing machines for household use - Method for
measuring the microbial contamination reduction**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents"

Drafting.

This document is revised and adopted IEC PAS62958.2015 "Test Method for Reducing Microbial Contamination of Household Washing Machines", and the document type is changed by ISO

The publicly available specifications are adjusted to my country's national standards.

The technical differences between this document and IEC PAS62958.2015 and the reasons are as follows.

--- Deleted the three normative reference documents EN1276, EN1650 and EN12353 in Chapter 2 of the International Standard, due to related technologies

The content is in the standard text;

---Delete EN12353 in International Standards 6.3.1 and A.5.3.1, and amend this paragraph to read "test microorganisms and corresponding preserved strains"

It should be prepared and stored in accordance with the following requirements";

--- Deleted the title "according to EN1650" in the international standards 6.3.1.2 and A.5.3.1.2, and revised the title to "yeast suspension (white

Candida) preparation";

---Delete "According to EN1276" in the title of International Standard 6.3.1.4, and amend the title to "Bacterial Suspension (Pseudomonas putida and Golden

Staphylococcus chromosome)".

1 Scope

This document specifies a test method for testing washing machines to reduce microbial contamination and reduce cross-contamination of sterile carriers.

Note. A significant difference in the reduction of microbial contamination by washing machines is that the washing temperature does not exceed 40°C.

This document applies to household washing machines with or without heating devices, and the water intake is cold and/or hot water.

Washing machine with detergent. The same applies to washing machines used in communities, apartments or laundromats.

This document does not apply to washing machines for commercial use, as well as washing machines used in catering, hospitals or other non-domestic use. Also not included

Including washing machines used by people who need special disinfection treatment or disinfection technology.

This document does not involve safety requirements, nor does it contain the washing machine-related performance required in IEC 60456.2010 or the impact on fabrics.

Ring and wait.

2 Normative references

The content of the following documents constitutes an indispensable clause of this document through normative references in the text. Among them, dated quotations

Only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

This document.

ISO 2267. Evaluation of the washing effect of surfactants. Preparation and use method of uncontaminated cotton control cloth (Surface active

agents-Evaluation of certain effects of laundering-Methods of preparation and use of unsoiled cotton

control cloth)

IEC 60456.2010 Household washing machine performance test method
(Clothes washing machines for household use-

Methods for measuring the performance)

3.1 Terms and definitions

The following terms and definitions apply to this document.

3.1.1

Washing machine

Apparatus for washing and rinsing fabrics may also have a dehydration function.

3.1.2

Testing washing machine

A washing machine that meets some or all of the requirements of this document for testing related performance.

3.1.3

Test cycle test run

Single performance test.

3.1.4

Program

A series of operations that are pre-set inside the washing machine and claimed by the manufacturer to be suitable for washing a certain type of fabric.

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