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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 21551.3-2010**

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**Antibacterial and cleaning function for household and similar  
electrical appliances—Particular requirements of air cleaner  
家用和类似用途电器的抗菌、除菌、净化功能  
空气净化器的特殊要求**

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Inspection and Quarantine of the People's Republic of China  
Standardization Administration of China**

## Contents

Foreword.....	1
1 Scope.....	1
2 Normative reference document.....	1
3 Terms and definitions .....	1
4 Health and functional requirements .....	2
5 Inspection methods.....	3
6 Identifications.....	3
Annex A (Normative appendix) Antibacterial (sterilization) function evaluation of air purifier .....	5

## Foreword

**All the technical contents in this part are mandatory.**

Series of standards of GB 21551 *Antibacterial and cleaning function for household and similar electrical appliances*" consist several parts, Part 1 is a general rule, and the other parts are the special requirements.

This part is Part 3 of GB 21551.

This part should conjunct with GB 21551.1—2008 *Antibacterial and cleaning function for household and similar electrical appliances General*.

Appendix A of this part is regarded as a normative appendix.

This part was proposed by China National Light Industry Council.

This Part is centralized by National Committee on Wire and Cables of Standardization Administration of China (SAC/TC 46).

The drafted units of the Part are: China Household Electrical Appliances Research Institute, Chinese center for disease control and prevention on environment and health related product safety, Beijing Yadu Science and Technology Corporation.

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This part is the first release.

## **Antibacterial and cleaning function for household and similar electrical appliances—Particular requirements of air cleaner**

### **1 Scope**

This section of GB 21551 provides health requirements, test methods and labeling about the antibacterial, sterilization functional aspects of indoor air purifier (hereinafter referred to as "air purifier").

This part applies to household and similar use of the air purifier with sterilizing function.

### **2 Normative references**

The provisions in the following documents can constitute provisions of this part through reference in GB 21551. For dated reference documents, whose subsequent amendments (excluding the contents of errata) or revisions are all not applicable to this part. However, all parties who have come to agreements based on this part are encouraged to study the possibility of applying the latest editions. For the undated reference documents, the latest edition shall be applicable to this part.

GB/T 18801 Air purifier

GB/T 18883—2002 Indoor air quality standard

GB 19258 Ultraviolet sterilizing lamp

GB 21551.1—2008 General requirement of antibacterial, degerming and purification function for household and similar electrical appliances

GB 21551.2—2010 Special requirements of antibacterial materials for antibacterial, degerming and purification function for household and similar electrical appliances

WS/T 206 Method for determination of inhalable particulate in air of public place—Light scattering method

*Technical Standard for Disinfection* (Ministry of Health 2002 Edition)

### **3 Terms and definitions**

The following terms and definitions are applicable to this part.

#### **3.1**



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