

# JIS

JAPANESE  
INDUSTRIAL  
STANDARD

Translated and Published by  
Japanese Standards Association

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JIS Z 2801 : 2010

(SIAA/JSA)

**Antibacterial products — Test for  
antibacterial activity and efficacy**

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ICS 07.100.10;11.100;83.080.01

Reference number : JIS Z 2801 : 2010 (E)

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Z 2801 : 2010

Date of Establishment: 2000-12-20

Date of Revision: 2010-12-20

Date of Public Notice in Official Gazette: 2010-12-20

Investigated by: Japanese Industrial Standards Committee

Standards Board

Technical Committee on Consumer Life Products

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JIS Z 2801 : 2010, First English edition published in 2011-12

Translated and published by: Japanese Standards Association  
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

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Printed in Japan

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Society of Industrial technology for Antimicrobial Articles (SIAA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently JIS Z 2801 : 2006 is replaced with this Standard.

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# Antibacterial products — Test for antibacterial activity and efficacy

## Introduction

This Japanese Industrial Standard has been prepared based on the first edition of ISO 22196 published in 2007 with some modifications of the technical contents to meet technology trend, actual situation, etc. in Japan.

The portions given sidelines or dotted underlines are the matters in which the contents of the original International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

## 1 Scope

This Standard specifies the test for antibacterial activity and efficacy to bacteria on the surface of antibacterial products (including intermediate products) of plastic products, metal products, ceramics products, etc. excluding the textile products and the photocatalyst products.

Secondary effects of antibacterial efficacy such as fungal resistance, odour prevention and biodeterioration are not covered by this Standard.

NOTE 1 For the products so determined that the test method for textile products should be applied from their usage, shape, etc., clause 10 (Quantitative test) of JIS L 1902 may be applied.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 22196 : 2007 *Plastics — Measurement of antibacterial activity on plastics surfaces* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21-1.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS K 0050 *General rules for chemical analysis*

JIS K 0950 *Sterilized plastic petri dishes*