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Test method for repetitiveness of bacteria reduction activity

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In the event of any doubts arising as to the contents,
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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Act.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, published patent application or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, published patent application or utility model rights.

Test method for repetitiveness of bacteria reduction activity

Introduction

This Japanese Industrial Standard has been established to specify the test method for the repetitiveness of bacteria reduction activity, referring to the test method specified in **JIS Z 2801** : 2012.

The main difference between this Standard and **JIS Z 2801** in technical contents is the testing of repetitive disinfection effect. This Standard adds the method for repetitive inoculation of test bacterial suspension and changes the contact period from 24 h to 4 h.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the testing method of repetitive disinfection effect on bacteria found on the surfaces of products that have undergone “repetitive disinfection” processing and are used by many people, mainly at nursing homes, hospitals and schools, and also used in environments requiring special consideration in terms of maintenance for environmental health reasons.

This Standard is applicable to plastic products, metal products, ceramic products and the like, and does not cover textiles, soft foamed materials such as sponges, and products utilizing such materials.

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*

JIS K 0970 *Piston pipettes*

JIS K 3800 *Class II biological safety cabinets*

JIS K 8101 *Ethanol (99.5) (Reagent)*

JIS K 8150 *Sodium chloride (Reagent)*

JIS K 8180 *Hydrochloric acid (Reagent)*

JIS K 8263 *Agar (Reagent)*

JIS K 8576 *Sodium hydroxide (Reagent)*

JIS K 9007 *Potassium dihydrogen phosphate (Reagent)*