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(AMST/JSA)

**Testing methods for determining bacterial  
rejection of ultrafiltration modules**

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In the event of any doubts arising as to the contents,  
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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 Association of Membrane Separation Technology of Japan (AMST)/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 K 3823**: 2006 is replaced with this Standard.

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# Testing methods for determining bacterial rejection of ultrafiltration modules

## Introduction

This Japanese Industrial Standard was established in 1990 and has gone through one revision to this day. The revision of this time is to correspond to the revisions of relevant JISs afterwards.

No International Standard corresponding to this Standard has been established at this point.

## 1 Scope

This Standard specifies the testing methods for determining bacterial rejection of ultrafiltration modules using *Brevundimonas diminuta* as the challenge organism.

NOTE : The testing apparatus for determining bacterial rejection used for this test (hereafter referred to as the “apparatus”) may also be used for the test for determining endotoxin rejection specified in **JIS K 3824**.

## 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 B 7411 *Solid-stem general purpose liquid-in-glass thermometers*

JIS B 7505-1 *Aneroid pressure gauges — Part 1 : Bourdon tube pressure gauges*

JIS B 7551 *Variable area flowmeters*

JIS B 9922 *Clean work station*

JIS K 0101 *Testing methods for industrial water*

JIS K 3802 *Technical terms for membranes and membrane processes*

JIS K 8150 *Sodium chloride (Regent)*

JIS R 3503 *Glass apparatus for chemical analysis*

JIS R 3505 *Volumetric glassware*

## 3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS K 3802** and the following apply.