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**Testing methods for household water  
purifiers**

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## Foreword

This Japanese Industrial Standard has been 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 Japan Water Purifier Association (JWPA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied *mutatis mutandis* pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS S 3201:2017**), which has been technically revised.

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NOTE Based on Article 9 of the Supplementary Provisions to the Unfair Competition Prevention Act etc., any submission of proposal, or employment of procedures such as deliberation by the Japanese Industrial Standards Committee under the previous Industrial Standardization Act shall be deemed to have been conducted pursuant to the provision of Article 12, paragraph (1) of the revised Industrial Standardization Act.

# Testing methods for household water purifiers

## 1 Scope

This Japanese Industrial Standard specifies the testing methods for filtration flowrate, minimum hydrodynamic pressure, recovery, removal performance, filtration capability, etc. of water purifiers mainly used in households (hereafter referred to as water purifiers).

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

JIS B 8302 *Measurement methods of pump discharge*

JIS K 0125 *Testing methods for volatile organic compounds in industrial water and waste water*

JIS K 8563 *Lead (II) nitrate (Reagent)*

JIS S 3242 *Household reverse osmosis water purifiers*

JIS Z 8703 *Standard atmospheric conditions for testing*

## 3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.

### 3.1

#### **water purifier**

water treatment implement having a function to reduce the substances etc. dissolved in tap water, using a filter medium such as activated carbon, microfiltration membrane and reverse osmosis membrane

### 3.2

#### **water**

water conforming to the Ministerial Ordinance concerning the water quality standard (No. 101 Ministerial Ordinance of Ministry of Health, Labour and Welfare of 2003) based on Article 4 of Waterworks Act (Act No. 177 of 1957)

NOTE Refer to the latest Ministerial Ordinance because the water quality standard is constantly revised.

### 3.3

#### **solution**