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Potassium iodate (Reagent)

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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 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 Reagent Association (JRA)/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 K 8922** : 2008), which has been technically revised.

However, **JIS K 8922** : 2008 may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 21 July 2024.

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Potassium iodate (Reagent)

KIO_3 *FW* : 214.00

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 6353-3** : 1987, Edition 1, with some modifications of the technical contents in line with technological advances.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies requirements for potassium iodate intended for use as a reagent.

WARNING 1 Potassium iodate is a strong oxidizing substance and contact with organic substances should be avoided. It is also harmful, avoid inhalation and adhesion.

WARNING 2 Persons carrying out tests based on this Standard should be familiar with normal laboratory practice. This Standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this Standard to establish appropriate safety and health practices, e.g. by reference to safety data sheets (SDS).

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

ISO 6353-3 : 1987 *Reagents for chemical analysis — Part 3: Specifications — Second series, R 83 Potassium iodate* (MOD)

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

2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent editions (including amendments) shall be applied.

JIS K 0050 : 2019 *General rules for chemical analysis*