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Sodium hydroxide (Reagent)

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In the event of any doubts arising as to the contents, the original JIS is to be the final authority.

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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 Japan Reagent Association (JRA)/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 8576:2006 is replaced with this Standard.

However, **JIS K 8576**:2006 may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until August 19, 2019.

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NaOH FW: 40.00

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 6353-2**:1983, Edition 1, with some modifications of the technical contents.

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 gives specifications of sodium hydroxide intended for use as a reagent.

- **WARNING 1** Sodium hydroxide is a deleterious substance, and its contact with eyes, mucous membrane or skin should be prevented with utmost care. Pay attention to the ventilation, because heat and strong irritating mist is generated when water is added to sodium hydroxide.
- 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 persons using this Standard to establish appropriate safety and health practices by reference to SDS (safety data sheets), etc.
- NOTE The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 6353-2:1983 Reagents for chemical analysis—Part 2: Specifications—First series R34 Sodium hydroxide (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

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 0113 General rules for methods of potentiometric, amperometric, coulometric, and Karl Fischer titrations
- JIS K 0115 General rules for molecular absorptiometric analysis
- JIS K 0116 General rules for atomic emission spectrometry