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JIS M 8227 : 1997

**Iron ores—Methods for
determination of tin content**

ICS 73.060.10

Descriptors : determination of content, chemical analysis and testing, tin, non-ferrous metals, iron ores, metalliferous minerals

Reference number : JIS M 8227 : 1997 (E)



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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently JIS M 8227 : 1983 is replaced with JIS M 8227 : 1997.

In this revision, the relevant ISO standard is laid down as Annex 2 intending conformance to International Standard.

Date of Establishment: 1958-01-31

Date of Revision: 1997-08-20

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Divisional Council on Iron and Steel

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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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Iron ores—Methods for determination of tin content

Introduction In this Japanese Industrial Standard, Annex 1 revised Method for tin iodide extracting separation phenylfluorone absorptiometry of JIS M 8227-1983. Annex 2 is the Japanese Industrial Standard prepared based on ISO/DIS 11534, *Iron ores—Determination of tin content—Flame atomic absorption spectrometric method* voted in 1996.

1 Scope This Japanese Industrial Standard specifies the determining methods for tin in iron ores.

2 Normative references The following standard contain provision which, through reference in this Standard, constitutes provision of this Standard. The most recent edition of the standard indicated below shall be applied.

JIS M 8202 *Iron ores – General rules for chemical analysis*

3 General requirements General requirements common to methods for determination shall be in accordance with JIS M 8202.

4 Division of determination methods The method for determination of tin content shall be in accordance with either of the following.

- a) **Tin iodide extracting separation phenylfluorone absorptiometry** This method is applicable to the sample of tin contents 0.01 % (m/m) or over up to and including 0.10 % (m/m) in accordance with Annex 1.
- b) **Tin iodide extraction flame atomic absorption spectrometric method** This method is applicable to the sample of tin contents 0.001 % (m/m) or over up to and including 0.015 % (m/m) in accordance with Annex 2.