JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

# JIS H 1183 : 2025

(JMIA/JSA)

# Method for photoelectric emission spectrochemical analysis of silver bullion

ICS 77.040.30;77.120.99
Reference number: JIS H 1183 : 2025 (E)

Date of Establishment: 1964-03-01

Date of Revision: 2025-11-20

Date of Public Notice in Official Gazette: 2025-11-20

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

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JIS H 1183 : 2025, First English edition published in 2026-01

Translated and published by: Japanese Standards Association
Mita Avanti, 3-11-28, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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



Printed in Japan HN

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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 Mining Industry Association (JMIA)/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 H 1183** : 2012), which has been technically revised.



Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, published patent application or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, published patent application or utility model rights.

# Method for photoelectric emission spectrochemical analysis of silver bullion

## 1 Scope

This Japanese Industrial Standard specifies method for photoelectric emission spectrochemical analysis of silver bullion specified in **JIS H 2141**.

This Standard shall apply to the determination of each element as shown in Table 1.

**Table 1 Analyte element and determination range**

Unit: %(mass fraction)

| Analyte element | Determination range |
|---|---|
| Lead | 0.000 1 or over up to and incl. 0.005 |
| Bismuth | 0.000 1 or over up to and incl. 0.005 |
| Copper | 0.000 3 or over up to and incl. 0.030 |
| Iron | 0.000 2 or over up to and incl. 0.003 |

## 2 Normative references

Part or all of the provisions of the following standards, 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 H 1181** *Methods for chemical analysis of silver bullion*

**JIS H 2141** *Silver bullion*

**JIS K 0116** *General rules for atomic emission spectrometry*

**JIS K 0211** *Technical terms for analytical chemistry (General part)*

**JIS K 0212** *Technical terms for analytical chemistry (optical part)*

**JIS K 0215** *Technical terms for analytical chemistry (Analytical instrument part)*

**JIS Z 8401** *Rounding of numbers*

**JIS Z 8402-1** *Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions*

## 3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given