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(JMIA/JSA)

**Method for photoelectric emission spec-
trochemical analysis of cadmium metal**

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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 1163** : 1991), which has been technically revised.

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Method for photoelectric emission spectrochemical analysis of cadmium metal

1 Scope

This Japanese Industrial Standard specifies the method for photoelectric emission spectrochemical analysis of cadmium metal specified in **JIS H 2113**.

This Standard applies to the determination of each element given in Table 1.

Table 1 Elements to be determined and dynamic range

Unit: % (mass fraction)	
Element to be determined	Dynamic range
Lead	0.000 5 or over up to and incl. 0.010
Copper	0.000 1 or over up to and incl. 0.001
Zinc	0.000 5 or over up to and incl. 0.010
Iron	0.000 1 or over up to and incl. 0.001

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 1161 *Methods for chemical analysis of cadmium metal*

JIS H 2113 *Cadmium metal*

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 giv-