
**Iron ores — Determination of tin content —
Flame atomic absorption spectrometric
method**

*Minerais de fer — Dosage de l'étain — Méthode par spectrométrie
d'absorption atomique dans la flamme*



Foreword

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International Standard ISO 11534 was prepared by Technical Committee ISO/TC 102, *Iron ores*, Subcommittee SC 2, *Chemical analysis*.

Annex A forms an integral part of this International Standard. Annexes B and C are for information only.

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Printed in Switzerland

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1 Scope

This International Standard specifies a flame atomic absorption spectrometric method for the determination of the tin content of iron ores.

This method is applicable to tin contents between 0,001% (*m/m*) and 0,015 % (*m/m*) in natural iron ores, iron ore concentrates and agglomerates, including sinter products.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 648:1977, *Laboratory glassware — One-mark pipettes*.

ISO 1042:—¹⁾, *Laboratory glassware — One-mark volumetric flasks*.

ISO 3081:1986, *Iron ores — Increment sampling — Manual method*.

ISO 3082:1987, *Iron ores — Increment sampling and sample preparation — Mechanical method*.

ISO 3083:1986, *Iron ores — Preparation of samples — Manual method*.

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods*.

ISO 7764:1985, *Iron ores — Preparation of predried test samples for chemical analysis*.

¹⁾ To be published. (Revision of ISO 1042:1983)