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AS/NZS 1050.6:1995 (R2016) Methods for the analysis of iron and steel - Part 6: Determination of tin content - Flame atomic absorption spectrometric method

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Abbreviation

AS/NZS 1050.6:1995

Valid from

04/03/1995

Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

Information type

New Zealand Standard

Format

PDF

Cited By

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Description

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

The sample is digested in acid, the tin extracted into trioctyl phosphine oxide in 4-methylpentan-2-one (MIBK) and then aspirated into a nitrous oxide/acetylene flame of an atomic absorption spectrometer. The absorption is measured at 235.5 nm.

This Standard specifies a flame atomic absorption spectrometric method for the determination of tin in iron and steel. The method is applicable to all types of iron and steel containing tin in the concentration range 0.002% to 0.10%.

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- [AS 1397:2001](#)

AS/NZS 1050.6:1995 is cited by AS 1397:2001 Steel sheet and strip - Hot-dipped zinc-coated or aluminium/zinc-coated

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