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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 3253.3-2026

Replacing GB/T 3253.3-2008

Methods for chemical analysis of antimony and antimony trioxide-Part 3: Determination of lead, copper and cadmium contents-Flame atomic absorption spectrometry

锑及三氧化二锑化学分析方法 第3部分：铅、铜、镉含量的测定 火焰原子吸收光谱法

(English Translation)

Issued on: October 30, 2026 **Implemented on: May 1, 2027**

Issued by: State Administration for Market Regulation;
Standardization Administration of China

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1 Foreword

GB/T 3253.3-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 30 October 2026 and takes effect on 1 May 2027.

It replaces the earlier edition GB/T 3253.3-2008, GB/T 3253.3-2001, GB/T 3253.3-1982.

It is one of 22 parts of the GB/T 3253 series.

2 Scope Preview

GB/T 3253.3-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 76,457 other GB/T standards.

Of the 47,415 GB/T standards that do carry an ICS number, 3,437 (7%) fall under ICS 77, in the field of metallurgy.

3 About this standard

Issued by: State Administration for Market Regulation; Standardization Administration of China

4 Related standards

Other parts of this standard:

GB/T 3253.1-1982 - Chemical analysis of antimony--The molybdenum blue photometric method for determination of arsenic

GB/T 3253.1-2001 - Determination of arsenic content

GB/T 3253.1-2008 - Methods for chemical analysis of antimony and antimony trioxide -

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Determination of arsenic content - Arsenic molybdenum blue spectrophotometric method

GB/T 3253.2-1982 - Chemical analysis of antimony--The O-phenanthroline photometric method for determination of iron

GB/T 3253.2-2001 - Determination of iron content

GB/T 3253.2-2008 - Methods for chemical analysis of antimony and antimony trioxide - Determination of iron content - Orthophenanthroline spectrophotometric method

GB/T 3253.4-1982 - Chemical analysis of antimony--The neocuproine photometric method for determination of copper

GB/T 3253.4-2001 - Determination of sulfur content

GB/T 3253.4-2009 - Methods for chemical analysis of antimony and antimony trioxide - Determination of sulfur content in antimony - Burning and sodium hydroxide titration method

GB/T 3253.5-1982 - Chemical analysis of antimony--The atomic absorption spectrophotometric method for determination of lead, iron and copper

GB/T 3253.5-2001 - Determination of selenium content

GB/T 3253.5-2008 - Methods for chemical analysis of antimony and antimony trioxide - Determination of copper content - Flame atomic absorption spectrometric method

GB/T 3253.6-1982 - Chemical analysis of antimony--The combustion-iodine volumetric method for determination of sulfur

GB/T 3253.6-2001 - The determination of the amount of bismuth antimony chemical analysis method

GB/T 3253.6-2008 - Methods for chemical analysis of antimony and antimony trioxide - Determination of selenium content - Atomic fluorescence spectrometer method

GB/T 3253.7-1982 - Chemical analysis of antimony--The 3, 3-diaminobenzidine photometric method for determination of selenium

GB/T 3253.7-2009 - Methods for chemical analysis of antimony and antimony trioxide - Determination of bismuth content - Atomic fluorescence spectrometric method

GB/T 3253.8-2009 - Methods for chemical analysis of antimony and antimony trioxide - Determination of antimony trioxide content - Iodine titration method

GB/T 3253.9-2009 - Methods for chemical analysis of antimony and antimony trioxide - Determination of cadmium content - Flame atomic absorption spectrometric method

GB/T 3253.10-2009 - Methods for chemical analysis of antimony and antimony trioxide - Determination of mercury content - Atomic fluorescence spectrometric method

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GB/T 3253.11-2009 - Methods for chemical analysis of antimony and antimony trioxide - Determination of bismuth content - Flame atomic absorption spectrometric method

Other editions:

GB/T 3253.3-2008 (earlier edition)

GB/T 3253.3-2001 (earlier edition)

GB/T 3253.3-1982 (earlier edition)

5 Classification and status

Prefix GB/T: recommended standard.

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