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ICS 77.120.99
CCS H15

YS

# NONFERROUS METALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YS/T 1348.5-2020

## Chemical analysis methods of silver slag for lead smelting - Part 5: Determination of bismuth content. Flame atomic absorption spectrometry and Na2EDTA titration

铅冶炼分银渣化学分析方法 第5部分：铋含量的测定 火焰原子吸收光谱法和Na2EDTA滴定法

**(English Translation)**

**Implemented on: October 1, 2020**

**Issued by: Ministry of Industry and Information Technology**

Preview: page 1 of 4 shown, 8 in the full document. Complete English PDF, instant download:
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# Table of Contents

[Preview only]
1 Scope
2 Normative references
2.1 Orientation-cut
2.2 Orientation flat
2.3 Second flat
2.4 Domain
2.5 Axis deviation
2.6 Supercooling circle
2.7 Cuie temperature
3 Reagents
3.1 Product classification
3.2 Chemical component
3.3 Physical properties
4.1 Alloy designation, temper and dimensions
5 Inspection rules
5.1 Main components
6 Test methods
7 Precision
8 Process control
9 Test report

## 1 Foreword

YS/T 1348.5-2020 was issued by Ministry of Industry and Information Technology on 16 April 2020 and has been in force since 1 October 2020.

It is one of 7 parts of the YS/T 1348 series.

The YS/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.



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## 2 Scope Preview

This standard specifies the method for the determination of bismuth content in lead smelting silver slag. Method 1 is suitable for the determination of bismuth content in lead smelting silver slag. Measurement range: 0.10% to 5.00%. Method 2 is suitable for the determination of bismuth content in lead smelting silver slag. Measurement range: 5.00% to 50.00%.

YS/T 1348.5-2020 falls under ICS 77.120.99, in the field of metallurgy.

This catalogue holds 1,671 other YS/T standards in that field.

In this catalogue, YS/T standards carry edition years from 1985 to 2026.

## 3 About this standard

Sector: Nonferrous Metallurgy Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 8 pages (approximate)

Chinese original: about 9,993 characters

## 4 Related standards

Other parts of this standard:

YS/T 1348.1-2020 - Methods for chemical analysis of silver slag from lead smelting - Part 1: Determination of gold and silver content

YS/T 1348.2-2020 - Part 2: Determination of lead content. Flame atomic absorption spectrometry and Na2EDTA titration

YS/T 1348.3-2020 - Part 3: Determination of copper content. Flame atomic absorption spectrometry and iodometric method

YS/T 1348.4-2020 - Part 4: Determination of antimony content. Flame atomic absorption spectrometry and cerium sulfate titration

YS/T 1348.6-2020 - Methods for chemical analysis of silver slag in lead smelting - Part 6: Determination of lead, copper, antimony and bismuth contents by inductively coupled plasma atomic emission spectrometry

YS/T 1348.7-2021 - Lead smelting slag chemical analysis method - Part 7: Determination of arsenic content. Inductively coupled plasma atomic emission spectrometry

Standards on related subjects:



Preview: page 3 of 4 shown, 8 in the full document. Complete English PDF, instant download:
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GB/T 38783-2020 - Method of coating thickness determination for precious metal composites by scanning electron microscope

GB/T 38744-2020 - Methods for chemical analysis of synergistic catalysis elements in automotive exhaust catalysis?Determination of cerium, lanthanum, praseodymium, neodymium,barium and zirconium contents?Inductively coupled plasma atomic emission spectrometry

GB/T 23275-2009 - Methods for chemical analysis of ruthenium determination of lead, iron, nickel, aluminum, copper, silver, gold, platinum, palladium, rhodium, iridium and silicon in ruthenium powder by glow discharge mass spectrometry

## 5 Classification and status

International classification (ICS): 77.120.99

Chinese Standard Classification (CCS): H 15

Prefix YS/T: recommended standard.



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