Chinastandards.org

ICS 73.060
CCS D42

YS

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

# YS/T 1314.5-2019

## Copper smelting - Determination of copper slag - Part 5: Determination of copper, bismuth, bismuth, selenium, bismuth and tin content Inductively coupled plasma atomic emission spectrometry

铜冶炼分银渣化学分析方法 第5部分：铜、锑、铋、硒、碲和锡含量的测定 电感耦合等离子体原子发射光谱法

**(English Translation)**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 4 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1314-5-2019

Chinastandards.org

# Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Terms and definitions
4 General
5 Groundwater Dynamic Observatory (dot) Layout of
5.1 General requirements for establishment
5.2 Observatory (point) of the principles laid
5.3 Layout observation point position selection
6 Observation wells Design and Construction
6.1 Classification observation hole and laid claim
6.2 Observation wells design and quality requirements
7 Inspection rules
8 Packaging, transportation, storage and accompanying documents
9 Order contents

## 1 Foreword

YS/T 1314.5-2019 was issued by Ministry of Industry and Information Technology on 2 August 2019.

It is one of 9 parts of the YS/T 1314 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.

## 2 Scope Preview

This standard specifies the method for the determination of copper, antimony, bismuth, selenium, tellurium and tin content in copper smelting slag. This standard applies to the determination of copper, antimony, bismuth, selenium, tellurium and tin content in copper smelting slag.

YS/T 1314.5-2019 falls under ICS 73.060, in the field of mining and minerals.

This catalogue holds 140 other YS/T standards in that field.



Preview: page 2 of 4 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1314-5-2019

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 7,746 characters

## 4 Related standards

Other parts of this standard:

YS/T 1314.1-2019 - Copper smelting - Determination of silver slag - Part 1: Determination of gold and silver content

YS/T 1314.2-2019 - Copper smelting - Determination of platinum and slag - Part 2: Determination of platinum and palladium content - Fire-inducing method enrichment - Inductively coupled plasma atomic emission spectrometry

YS/T 1314.3-2019 - Copper smelting - Determination of lead content - Part 3: Determination of lead content - Na2EDTA titration

YS/T 1314.4-2019 - Copper smelting - Determination of silver slag - Part 4: Determination of tin content - Potassium iodate titration

YS/T 1314.6-2021 - Copper smelting slag chemical analysis method - Part 6: Determination of copper content. Iodometric method

YS/T 1314.7-2021 - Copper smelting slag chemical analysis method - Part 7: Determination of antimony content. Cerium sulfate titration method

YS/T 1314.8-2021 - Copper smelting slag chemical analysis method - Part 8: Determination of bismuth content Na2EDTA titration method

YS/T 1314.9-2026 - Methods for chemical analysis of silver-separation slag from copper smelting - Part 9: Determination of arsenic content - Ammonium ferrous sulfate titrimetric method and arsenic-antimony-molybdenum blue spectrophotometric method

Standards on related subjects:

YS/T 951-2014 - Laterite nickel ores - Determination of moisture content of a consignment

SN/T 3510-2013 - Determination of arsenic, cadmium, copper, nickel, lead, zinc in lead ore for import and export. Inductively coupled plasma atomic emission spectrometric method

GB/T 8152.10-2006 - Methods for chemical analysis of lead concentrates -- Determination



Preview: page 3 of 4 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1314-5-2019

of silver and gold content -- Fire assay and flame atomic absorption spectrometric method using scorification or cupellation

## 5 Classification and status

International classification (ICS): 73.060

Chinese Standard Classification (CCS): D 42

Prefix YS/T: recommended standard.



Preview: page 4 of 4 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1314-5-2019