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ICS 77.120.99
CCS H13

YS

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

YS/T 1344.1-2020

Methods for chemical analysis of tin-doped indium oxide powder - Part 1: Determination of iron, aluminum, lead, nickel, copper, cadmium, chromium and thallium content. Inductively coupled plasma atomic emission spectrometry

掺锡氧化铟粉化学分析方法 第1部分：铁、铝、铅、镍、铜、镉、铬和铊含量的测定 电感耦合等离子体原子发射光谱法

(English Translation)

Implemented on: October 1, 2020

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YS/T 1344.1-2020 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 3 parts of the YS/T 1344 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 iron, aluminum, lead, nickel, copper, cadmium, chromium and thallium content in tin-doped indium oxide powder. This standard applies to the determination of iron, aluminum, lead, nickel, copper, cadmium, chromium and thallium content in tin-doped indium oxide powder. Measurement range: 0.0005%~0.010%.

YS/T 1344.1-2020 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 8,858 characters

4 Related standards

Other parts of this standard:

YS/T 1344.2-2020 - Methods for chemical analysis of tin-doped indium oxide powders - Part 2: Determination of silicon content

YS/T 1344.3-2020 - Chemical analysis method of tin-doped indium oxide powder - Part 3: Phase analysis X-ray diffraction analysis method

Standards on related subjects:

GB/T 3884.1-2025 - Methods for chemical analysis of copper concentrates - Part 1: Determination of copper content - Iodine titration method and electrogravimetric method

YS/T 1229.3-2018 - Methods for chemical analysis of crude nickel hydroxide - Part 3: Determination of copper, cobalt, manganese calcium, magnesium, zinc, iron, aluminum, lead, arsenic and cadmium contents - Inductively coupled plasma atomic emission spectrometry

GB/T 3884.2-2012 - Methods for chemical analysis of copper concentrates - Part 2: Determination of gold and silver contents - Flame atomic absorption spectrometric method and fire assay method

YS/T 1345.7-2021 - Chemical analysis methods for high bismuth lead - Part 7:

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Determination of copper, iron, nickel, cadmium, arsenic, antimony and bismuth content. Inductively coupled plasma atomic emission spectrometry

5 Classification and status

International classification (ICS): 77.120.99

Chinese Standard Classification (CCS): H 13

Prefix YS/T: recommended standard.

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