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CCS D42

YS

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

YS/T 1115.13-2016

Methods for chemical analysis of copper ores and tailings - Part 13: Determination of fluorine content - Ion selective electrode and ion chromatography

铜原矿和尾矿化学分析方法 第13 部分：氟量的测定 离子选择电极法和离子色谱法

(English Translation)

Issued on: July 11, 2016

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/ys-t-1115-13-2016

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1 Foreword

YS/T 1115.13-2016 was issued by Ministry of Industry and Information Technology on 11 July 2016.

It is one of 24 parts of the YS/T 1115 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 determining the amount of fluorine in copper ore and tailings. It was issued by Ministry of Industry and Information Technology.

YS/T 1115.13-2016 is filed under Chinese Standard Classification D42, in the field of mining.

This catalogue holds 1,555 other YS/T standards without an ICS number.

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

3 About this standard

Sector: Nonferrous Metallurgy Industry Standard (Recommended)

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English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

YS/T 1115.1-2016 - Part 1: Determination of copper content - Flame atomic absorption spectrometric method

YS/T 1115.1-2025 - Methods for chemical analysis of copper, lead, zinc ores and tailings - Part 1: Determination of copper content - Iodine titration method

YS/T 1115.2-2016 - Part 2: Determination of lead content - Flame atomic absorption spectrometric method

YS/T 1115.2-2025 - Methods for chemical analysis of copper, lead, zinc ores and tailings - Part 2: Determination of lead and zinc contents - Na2EDTA titrimetric method

YS/T 1115.3-2016 - Part 3: Determination of zinc content - Flame atomic absorption spectrometric method

YS/T 1115.3-2025 - Methods for chemical analysis of copper, lead, zinc ores and tailings - Part 3: Determination of copper, lead, zinc, nickel, cobalt, cadmium, manganese, magnesium and silver contents - Flame atomic absorption spectrometric method

YS/T 1115.4-2016 - Part 4: Determination of nickel content - Flame atomic absorption spectrometric method

YS/T 1115.4-2025 - Methods for chemical analysis of copper, lead, zinc original and tailings ores - Part 4: Determination of sulphur content - High frequency infrared absorption method, combustion neutralization titration method and barium sulfate gravimetric method

YS/T 1115.5-2016 - Part 5: Determination of cobalt content - Flame atomic absorption spectrometric method

YS/T 1115.5-2025 - Methods for chemical analysis of copper, lead, zinc ores and tailings - Part 5: Determination of phosphorus content - Molybdenum blue spectrophotometric method

YS/T 1115.6-2016 - Part 6: Determination of cadmium content - Flame atomic absorption spectrometric method

YS/T 1115.6-2025 - (Methods for chemical analysis of copper, lead, zinc ores and tailings - Part 6: Determination of copper, lead, zinc, nickel, cobalt, cadmium, magnesium, manganese, arsenic and molybdenum contents - Inductively coupled plasma atomic emission spectrometric

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YS/T 1115.7-2016 - Part 7: Determination of manganese content - Flame atomic absorption spectrometric method

YS/T 1115.7-2026 - Methods for chemical analysis of copper, lead, zinc ores and tailings - Part 7: Determination of molybdenum content - Thiocyanate spectrophotometric method

YS/T 1115.8-2016 - Part 8: Determination of magnesium content - Flame atomic absorption spectrometric method

YS/T 1115.8-2026 - Methods for chemical analysis of copper, lead, zinc ores and tailings - Part 8: Determination of fluorine content - Ion-selective electrode method and ion chromatography

YS/T 1115.9-2016 - Part 9: Determination of sulfur content - High-frequency infrared absorption method and combustion-potassium iodate titrimetric method

YS/T 1115.9-2026 - Methods for chemical analysis of copper, lead, zinc ores and tailings - Part 9: Determination of arsenic content - Hydride generation-atomic fluorescence spectrometric and potassium bromate titrimetric method

YS/T 1115.10-2016 - Part 10: Determination of phosphorus content - Molybdenum blue spectrophotometric method

YS/T 1115.10-2026 - Chemical analysis methods of copper, lead and zinc ores and tailings - Part 10: Determination of gold, silver, molybdenum, arsenic, tungsten, bismuth, gallium, indium, thallium, selenium, tellurium and germanium contents - Inductively coupled plasma mass spectrometry

YS/T 1115.11-2016 - Methods for chemical analysis of copper ores and tailings-Part 11: Determination of molybdenum content-Thiocyanate spectrophotometric method

YS/T 1115.12-2016 - Methods for chemical analysis of copper ores and tailings-Part 12: Determination of copper, lead, zinc, nickel, cobalt, cadmium, magnesium and manganese contents-Inductively coupled plasma atomic emission spectrometric method

YS/T 1115.14-2016 - Methods for chemical analysis of copper ores and tailings-Part 14: Determination of arsenic content-Hydride generation-atomic fluorescence spectrometric and potassium bromate titrimetric method

Standards on related subjects:

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

GB/T 8152.10-2006 - Methods for chemical analysis of lead concentrates -- Determination of silver and gold content -- Fire assay and flame atomic absorption spectrometric method using scorification or cupellation

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5 Classification and status

Chinese Standard Classification (CCS): D 42

Prefix YS/T: recommended standard.

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