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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 3884.11-2026

Replacing GB/T 3884.11-2005

Methods for chemical analysis of copper concentrates - Part 11: Determination of mercury content - Cold atomic absorption spectrometry and direct solid sampling method

铜精矿化学分析方法 第11部分：汞含量的测定 冷原子吸收光谱法和固体进样直接法

(English Translation)

Issued on: September 28, 2026 **Implemented on: April 1, 2027**

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

Preview: page 1 of 5 shown, full document available. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-3884-11-2026

Table of Contents

[Preview only]

1 Scope

2 Normative References

2.1 Terms

2.2 Symbols

3 Terms and Definitions

1 Foreword

GB/T 3884.11-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 28 September 2026 and takes effect on 1 April 2027.

It replaces the earlier edition GB/T 3884.11-2005, GB/T 3884.11-1983.

It is one of 55 parts of the GB/T 3884 series.

2 Scope Preview

GB/T 3884.11-2026 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 3884.1-1983 - Methods for chemical analysis of copper concentrates--The thiosulfate-iodometric method for the determination of copper content

GB/T 3884.1-2000 - Methods for chemical analysis of copper concentrates. Determination of copper content

Preview: page 2 of 5 shown, full document available. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-3884-11-2026

GB/T 3884.1-2012 - Part 1: Determination of copper content - Iodine titration method

GB/T 3884.1-2025 - Part 1: Determination of copper content - Iodine titration method and electrogravimetric method

GB/T 3884.2-1983 - Methods for chemical analysis of copper concentrates--The wet chemical and fire-assaying methods for the determination of gold and silver content

GB/T 3884.2-2000 - Methods for chemical analysis of copper concentrates. Determination of gold and silver content

GB/T 3884.2-2012 - Part 2: Determination of gold and silver contents - Flame atomic absorption spectrometric method and fire assay method

GB/T 3884.2-2025 - Part 2: Determination of gold and silver contents - Flame atomic absorption spectrmetric method and fire assay method

GB/T 3884.3-1983 - Methods for chemical analysis of copper concentrates--The combustion-volumetric method for the determination of sulfur content

GB/T 3884.3-2000 - Methods for chemical analysis of copper concentrates. Determination of sulfur content

GB/T 3884.3-2012 - Part 3: Determination of sulfur content - Gravimetric method and Combustion-titration method

GB/T 3884.3-2025 - Part 3: Determination of sulfur content - Gravimetric method and combustion-titration method

GB/T 3884.4-1983 - Methods for chemical analysis of copper concentrates--The gravimetric method for the determination of sulfur content

GB/T 3884.4-2000 - Determination of magnesium oxide content

GB/T 3884.4-2012 - Part 4: Determination of magnesium oxide content - Flame atomic absorption spectrophotometry method

GB/T 3884.4-2025 - Part 4: Determination of lead, zinc, cadmium, nickel and magnesium oxide contents - Flame atomic absorption spectrometry method

GB/T 3884.5-1983 - Methods for chemical analysis of copper concentrates--The flame atomic absorption spectrophotometric method for the determination of magnesium oxide content

GB/T 3884.5-2000 - Determination of fluorine content

GB/T 3884.5-2012 - Part 5: Determination of fluoride content - Ion selective electrode method

GB/T 3884.6-1983 - Methods for chemical analysis of copper concentrates--The

Preview: page 3 of 5 shown, full document available. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-3884-11-2026

ion-selective electrode method for the determination of fluorine content

GB/T 3884.6-2000 - Determination of lead, zinc, cadmium and nickel contents

GB/T 3884.6-2012 - Part 6: Determination of lead, zinc, cadmium and nickel content -- Flame atomic absorption spectrometry method

GB/T 3884.7-1983 - Methods for chemical analysis of copper concentrates--The flame atomic absorption spectrophotometric method for the determination of lead content

GB/T 3884.7-2000 - Determination of lead content

GB/T 3884.7-2012 - Part 7: Determination of lead content - Na2EDTA titration method

GB/T 3884.7-2025 - Part 7: Determination of lead and zinc contents - Na2EDTA titration method

GB/T 3884.8-1983 - Methods for chemical analysis of copper concentrates--The EDTA-volumetric method for the determination of lead content

GB/T 3884.8-2000 - Determination of zinc content

GB/T 3884.8-2012 - Part 8: Determination of zinc content -- Na2EDTA titration method

GB/T 3884.9-1983 - Methods for chemical analysis of copper concentrates--The potassium bromate volumetric method for the determination of arsenic content

GB/T 3884.9-2000 - Determination of arsenic and bismuth content

GB/T 3884.9-2012 - Part 9: Determination of arsenic and bismuth contents - Hydride generation-atomic fluorescence spectrometry method - The potassium bromate titration method and the silver diethyl dithiocarbamate ph

GB/T 3884.9-2025 - Part 9: Determination of arsenic, antimony and bismuth contents

GB/T 3884.10-1983 - Methods for chemical analysis of copper concentrates--The silver diethyl dithiocarbamate photometric method for the determination of arsenic content

GB/T 3884.10-2000 - Determination of antimony content

GB/T 3884.10-2012 - Part 10: Determination of Antimony content -- Hydride generation atomic fluorescence spectrometry method

GB/T 3884.12-1983 - Methods for chemical analysis of copper concentrates--The flame atomic absorption spectrophotometric method for the determination of zinc content

GB/T 3884.12-2010 - Part 12: Determination of fluoride content and chloride content - Ion chromatography

GB/T 3884.12-2023 - Methods for chemical analysis of copper concentrates-Part 12:Determination of fluoride and chloride contents-Ion chromatography and potentiometric

Preview: page 4 of 5 shown, full document available. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-3884-11-2026

titration

GB/T 3884.13-1983 - Methods for chemical analysis of copper concentrates--The EDTA-volumetric method for the determination of zinc content

GB/T 3884.13-2012 - Part 13: Determination of copper -- Electrogravimetric method

GB/T 3884.14-1986 - Methods for chemical analysis of copper concentrates--The fire assaying methods for the determination of gold and silver content

GB/T 3884.14-2012 - Part 14: Determination of gold and silver -- Fire assay gravimetric and flame atomic absorption spectrometric method

GB/T 3884.15-1986 - Methods for chemical analysis of copper concentrates--The flame atomic absorption spectrophotometric method for the determination of silver content

GB/T 3884.15-2014 - Part 15: Determination of iron content - Potassium dichromate titration method

GB/T 3884.15-2025 - Methods for chemical analysis of copper concentrate - Part 15: Determination of total iron and ferriferrous oxide contents

GB/T 3884.16-2014 - Part 16: Determination of silicon dioxide content - K2SiF6 titrimetric method and gravimetric method

GB/T 3884.16-2025 - Part 16: Determination of silicon dioxide content - Potassium fluosilicate titrimetric method and gravimetric method

GB/T 3884.17-2014 - Part 17: Determination of aluminium oxide content - Chromazurol S spectrophotometric method and fluoride salts device-Na2EDTA titrimetric method

GB/T 3884.18-2014 - Part 18: Determination of arsenic, antimony, bismuth, lead, zinc, nickel, cadmium, cobalt, magnesium oxide, calcium oxide contents - Inductively coupled plasma atomic emission spectrometry

GB/T 3884.18-2023 - Methods for chemical analysis of copper concentrates-Part 18:Determination of arsenic,antimony,bismuth,lead,zinc,nickel,cadmium,cobalt,chromium,aluminum oxide,magnesium oxide and calcium oxide contents-Inductively coupled plasma atomic emission spectrometry

GB/T 3884.19-2017 - Part 19: Determination of thallium content - Inductively coupled plasma mass spectrometry

GB/T 3884.20-2018 - Methods for chemical analysis of copper concentrates-Part 20:Determination of mercury content-Solid sampling and direct mercury analysis method

GB/T 3884.21-2018 - Methods for chemical analysis of copper concentrates?Part 21:Determination of copper,sulfur,lead,zinc,iron,

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