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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 1819.7-2026

Replacing GB/T 1819.7-2017

Methods for chemical analysis of tin concentrates - Part 7: Determination of antimony, bismuth, zinc, copper and silver contents - Flame atomic absorption spectrometry

锡精矿化学分析方法 第7部分：锑、铋、锌、铜和银含量的测定 火焰原子吸收光谱法

(English Translation)

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

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

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1 Foreword

GB/T 1819.7-2026 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 1819.7-2017, GB/T 1819.7-2004.

It is one of 31 parts of the GB/T 1819 series.

2 Scope Preview

GB/T 1819.7-2026 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 1819-1979 - Part 1: Determination of moisture content - Heat drying method

GB/T 1819.1-2004 - Determination of water content - The weighing method

GB/T 1819.1-2022 - Methods for chemical analysis of tin concentrates-Part 1: Determination of moisture content-Heat drying method

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GB/T 1819.2-2004 - Methods for chemical analysis of tin concentrates--Determination of tin content--The potassium iodate titrimetric method

GB/T 1819.2-2026 - Part 2: Determination of tin content - Potassium iodate titration method

GB/T 1819.3-2004 - Methods for chemical analysis of tin concentrates--Determination of iron content--The cerium sulfate titrimetric method

GB/T 1819.4-2004 - Methodsfor chemical analysis of tin concentrates--Determination of lead content--Flameatomic absorption spectrometric method and EDTA titrimetric method

GB/T 1819.5-2004 - Methods for chemical analysis of tin concentrates--Determination of arsenic content--The molybdoantimonyarsenate blue spectrophotometric method and the distillation-iodimetric titrimetric method

GB/T 1819.6-2004 - Methods for chemical analysis of tin concentrates--Determination of antimony content--The malachite green spectrometric method and the flame atomic absorption spectrometric method

GB/T 1819.6-2026 - Methods for chemical analysis of tin concentrates-Part 6: Determination of antimony and mercury contents-Atomic fluorescence spectrometry

GB/T 1819.8-2004 - Determination of zinc content - Flame atomic absorption spectrometric method

GB/T 1819.8-2017 - Part 8: Determination of zinc content - Flame atomic absorption spectrometric method

GB/T 1819.9-2004 - Determination of tungsten trioxide content - The thiocyanate spectrophotometric method

GB/T 1819.9-2017 - Methods for chemical analysis of tin concentrates-Part 9: Determination of tungsten trioxide content-The thiocyanate spectrophotometric method

GB/T 1819.10-2004 - Determination of sulphur content - The high frequency infrared absorption method and the combustion potassium iodate titrimetric method

GB/T 1819.10-2017 - Methods for chemical analysis of tin concentrates-Part 10: Determination of sulfur content-High frequency combustion with infrared absorption method and potassium iodate titrimetric method

GB/T 1819.11-2004 - Determination of aluminum oxide content - The chrome azurol S spectrophotometric method

GB/T 1819.11-2017 - Part 11: Determination of aluminium oxide content - Chromazuzal S spectrophotometric method

GB/T 1819.12-2004 - Determination of silicon dioxide content - The silicon molybdenum blue spectrophotometric method

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GB/T 1819.12-2017 - Part 12:Determination of silicon dioxide content - The silicomolybdenum blue spectrophotometry and sodium hydroxide titration

GB/T 1819.13-2004 - Determination of magnesium oxide and calcium oxide contents - Flame atomic absorption spectrometric method

GB/T 1819.13-2017 - Methods for chemical analysis of tin concentrates-Part 13: Determination of magnesium oxide content,calcium oxide content-Flame atomic absorption spectrometric method

GB/T 1819.14-2006 - Determination of copper content - Flame atomic absorption spectrometric method

GB/T 1819.14-2017 - Methods for chemical analysis of tin concentrates-Part 14: Determination of copper content-Flame atomic absorption spectrometry

GB/T 1819.15-2006 - Determination of the amount of fluorine ion selective electrode method

GB/T 1819.15-2017 - Part 15: Determination of fluorine content - The ion-selective electrode method

GB/T 1819.16-2006 - Determination of silver content - Flame atomic absorption spectrometric method

GB/T 1819.16-2017 - Methods for chemical analysis of tin concentrats - Part 16:Determination of siliver content - Flame atomic absorption spectrometry

GB/T 1819.17-2006 - Determination of mercury content - The cold vapor atomic absorption spectrometric method

GB/T 1819.17-2017 - Methods for chemical analysis of tin concentrates-Part 17: Determination of mercury content-Atomic fluorescence spectrometric method

Other editions:

GB/T 1819.7-2017 (earlier edition)

GB/T 1819.7-2004 (earlier edition)

5 Classification and status

Prefix GB/T: recommended standard.

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