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ICS 77.120.70
CCS H13

YS

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

YS/T 1057.2-2020

Chemical analysis method of cobalt tetroxide - Part 2: Determination of chloride ion content. Ion selective electrode method

四氧化三钴化学分析方法 第2部分：氯离子含量的测定 离子选择性电极法

(English Translation)

Implemented on: October 1, 2020

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YS/T 1057.2-2020 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 6 parts of the YS/T 1057 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 water-soluble chloride ion content in cobalt tetroxide. This standard applies to the determination of water-soluble chloride ion content in cobalt tetroxide. Measurement range: 0.010% to 1.00%.

YS/T 1057.2-2020 falls under ICS 77.120.70, 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 6,673 characters

4 Related standards

Other parts of this standard:

YS/T 1057-2015 - Methods for chemical analysis of cobaltosic oxide. Determination of magnetic Impurities content. Magnetic separation. Inductively coupled plasma atomic emission spectrometry

YS/T 1057.3-2022 - Methods for chemical analysis of cobalt tetroxide - Part 3: Determination of silicon content - Inductively coupled plasma - Atomic emission spectrometry

YS/T 1057.4-2022 - Methods for chemical analysis of cobalt tetroxide - Part 4: Determination of potassium and sodium content - flame atomic absorption spectrometry and inductively coupled plasma atomic emission spectrometry

YS/T 1057.5-2022 - Methods for chemical analysis of cobalt tetroxide - Part 5: Determination of carbon content - High-frequency combustion-infrared absorption spectrometry

YS/T 1057.6-2025 - Chemical Analysis Methods for Cobalt Tetraoxide - Part 6: Determination of Copper and Zinc Impurity Content - Inductively-Coupled Plasma Atomic Emission Spectrometric Method

Standards on related subjects:

GB/T 3884.1-2025 - Methods for chemical analysis of copper concentrates - Part 1:

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Determination of copper content - Iodine titration method and electrogravimetric method

YS/T 1085-2015 - Refined nickel. Determination of Silicon, manganese, phosphorus, iron, copper, cobalt, magnesium, aluminum, zinc, chromium. Inductively coupled plasma atomic emission spectrometric method

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

5 Classification and status

International classification (ICS): 77.120.70

Chinese Standard Classification (CCS): H 13

Prefix YS/T: recommended standard.

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