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YS

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

YS/T 575.28-2021

Methods for chemical analysis of bauxite ores - Part 28: Determination of lithium oxide content - Flame atomic absorption spectrometry

铝土矿石化学分析方法 第28部分：氧化锂含量的测定 火焰原子吸收光谱法

(English Translation)

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YS/T 575.28-2021 is issued by Ministry of Industry and Information Technology.

It is one of 62 parts of the YS/T 575 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

YS/T 575.28-2021 is filed under Chinese Standard Classification H30, in the field of metallurgy.

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)

Issued by: Ministry of Industry and Information Technology

English translation: about 8 pages (approximate)

Chinese original: about 8,846 characters

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4 Related standards

Other parts of this standard:

YS/T 575.1-2006 - Methods for chemical analysis of bauxite. Determination of aluminium oxide content. EDTA titrimetric method

YS/T 575.1-2007 - Part 1: Determination of aluminium oxide content - EDTA titrimetric method

YS/T 575.1-2026 - Chemical analysis methods of bauxite ores - Part 1: Determination of aluminium oxide content - EDTA titration method

YS/T 575.2-2006 - Methods for chemical analysis of bauxite. Determination of silicon dioxide content. Gravimetric-molybdenum blue photometric method

YS/T 575.2-2007 - Methods for chemical analysis of bauxite. Part 2: Determination of silicon dioxide content. Gravimetric-molybdenum blue photometric method

YS/T 575.2-2026 - Chemical analysis methods of bauxite ores - Part 2: Determination of silicon dioxide content

YS/T 575.3-2006 - Methods for chemical analysis of bauxite. Determination of silicon dioxide content. Molybdenum blue photometric method

YS/T 575.3-2007 - Methods for chemical analysis of bauxite. Part 3: Determination of silicon dioxide content. Molybdenum blue photometric method

YS/T 575.4-2006 - Methods for chemical analysis of bauxite. Determination of iron oxide content. Dichromate titrimetric method

YS/T 575.4-2007 - Methods for chemical analysis of bauxite. Part 4: Determination of iron oxide content. Dichromate titrimetric method

YS/T 575.4-2025 - Methods for Chemical Analysis of Bauxite - Part 4: Determination of Iron Oxide Contents

YS/T 575.5-2006 - Methods for chemical analysis of bauxite. Determination of iron oxide content. Orthophenanthroline photometric method

YS/T 575.5-2007 - Methods for chemical analysis of bauxite. Part 5: Determination of iron oxide content. Orthophenanthroline photometric method

YS/T 575.6-2006 - Methods for chemical analysis of bauxite. Determination of titanium dioxide content. Diantipyrylmethane photometric method

YS/T 575.6-2007 - Methods for chemical analysis of bauxite. Part 6: Determination of titanium dioxide content. Diantipyrylmethane photometric method

YS/T 575.7-2006 - Methods for chemical analysis of bauxite. Determination of calcium

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oxide content. Flame atomic absorption spectrophotometric method

YS/T 575.7-2007 - Methods for chemical analysis of bauxite. Part 7: Determination of calcium oxide content. Flame atomic absorption spectrophotometric method

YS/T 575.7-2023 - Part 7: Determination of calcium oxide content Flame atomic absorption spectrometry

YS/T 575.8-2006 - Methods for chemical analysis of bauxite. Determination of magnesium oxide content. Flame atomic absorption spectrophotometric method

YS/T 575.8-2026 - Methods for chemical analysis of bauxite ore - Part 8: Determination of magnesium oxide content ?? Flame atomic absorption spectrometry

YS/T 575.9-2006 - Methods for chemical analysis of bauxite. Determination of potassium oxide and sodium oxide content. Flame atomic absorption spectrophotometric method

YS/T 575.9-2007 - Methods for chemical analysis of bauxite. Part 9: Determination of potassium oxide and sodium oxide content. Flame atomic absorption spectorphotometric method

YS/T 575.9-2025 - Part 9: Determination of potassium oxide and sodium oxide content - Flame atomic absorption spectrometric method

YS/T 575.10-2006 - Methods for chemical analysis of bauxite. Determination of manganese oxide content. Flame atomic absorption spectrophotometric method

YS/T 575.10-2007 - Methods for chemical analysis of bauxite. Part10: Determination of manganese oxide content. Flame atomic absorption spectrophotometric method

YS/T 575.11-2006 - Methods for chemical analysis of bauxite. Determination of chromium oxide content. Flame atomic absorption spectrophotometric method

YS/T 575.11-2007 - Methods for chemical analysis of bauxite. Part 11: Determination of chromium oxide content. Flame atomic absorption spectrophotometric method

YS/T 575.12-2006 - Determination of vanadium pentoxide content - N-benzoy-N-phenythyroxy lamine photometric method

YS/T 575.12-2007 - Part 12: Determination of vanadium pentoxide content - N-benzoy-N-phenythyroxy lamine photometric method

YS/T 575.13-2006 - Methods for chemical analysis of bauxite. Determination of zinc content. Flame atomic absorption spectrophotometric method

YS/T 575.13-2007 - Methods for chemical analysis of bauxite. Part 13: Determination of zinc content. Flame atomic absorption spectrophotometric method

YS/T 575.14-2006 - Methods for chemical analysis of bauxite. Determination the total content of rare earth oxide. Tribromo-arsenazo photometric method

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YS/T 575.14-2007 - Methods for chemical analysis of bauxite. Part 14: Determination the total content of rare earth oxide. Tribromo-arsenazo photometric method

YS/T 575.14-2020 - Part 14: Determination of rare earth oxide content

YS/T 575.15-2006 - Methods for chemical analysis of bauxite. Determination of gallium oxide content. Rhodamine B-extraction photometric method

YS/T 575.15-2007 - Methods for chemical analysis of bauxite. Part 15: Determination of gallium oxide content. Rhodamine B-extraction photometric method

YS/T 575.16-2006 - Methods for chemical analysis of bauxite. Determination of phosphorus pentoxide content. Molybdenum blue spectrophotometric method

YS/T 575.16-2007 - Methods for chemical analysis of bauxite. Part 16: Determination of phosphorus pentoxide content. Molybdenum blue spectrophotometric method

YS/T 575.17-2006 - Methods for chemical analysis of bauxite. Determination of sulfur content. Direct combustion-iodometric method

YS/T 575.17-2007 - Methods for chemical analysis of bauxite. Part 17: Determination of sulfur content. Direct combustion-iodometric method

YS/T 575.18-2006 - Methods for chemical analysis of bauxite. Determination of total carbon content. Non-aqueous titrimetric method after combustion

YS/T 575.18-2007 - Methods for chemical analysis of bauxite. Part 18: Determination of total carbon content. Non-aqueous titrimetric method after combustion

YS/T 575.19-2006 - Methods for chemical analysis of bauxite. Determination of the loss on ignition. Gravimetric method

YS/T 575.19-2007 - Methods for chemical analysis of bauxite. Part 19: Determination of the loss on ignition. Gravimetric method

YS/T 575.19-2021 - Part 19: Determination of loss on ignition - Gravimetric method

YS/T 575.20-2006 - Methods for chemical analysis of bauxite. Preparation of pre-dried test samples

YS/T 575.20-2007 - Methods for chemical analysis of bauxite. Part 20: Preparation of pre-dried samples

YS/T 575.20-2021 - Part 20: Preparation of pre-dried sample

YS/T 575.21-2006 - Methods for chemical analysis of bauxite. Determination of organic carbon content. Titrimetric method

YS/T 575.21-2007 - Methods for chemical analysis of bauxite. Part 21: Determination of organic carbon content. Titrimetric method

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