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CCS H12

YS

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

# YS/T 1179.1-2026

## Chemical analysis methods of aluminum slag. Part 1: Determination of fluorine in aluminum slag. Ion selective electrode method

铝灰渣化学分析方法 第1部分：氟含量的测定

**(English Translation)**

**Issued on: November 7, 2017** **Implemented on: April 1, 2018**

**Issued by: Ministry of Industry and Information Technology**

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## 1 Foreword

YS/T 1179.1-2026 was issued by Ministry of Industry and Information Technology on 7 November 2017 and has been in force since 1 April 2018.

It replaces the earlier edition YS/T 1179.1-2017.

It is one of 6 parts of the YS/T 1179 series.

## 2 Scope Preview

This standard specifies the method for determining the fluorine content in aluminum slag for steelmaking deoxidation. It was issued by Ministry of Industry and Information Technology.

YS/T 1179.1-2026 is filed under Chinese Standard Classification H12, 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)



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Chinese original: about 5,532 characters

## 4 Related standards

Other parts of this standard:

YS/T 1179.2-2017 - Chemical analysis methods of aluminum slag - Part 2: Determination of metal aluminum-Gasometric method

YS/T 1179.2-2026 - Chemical analysis methods of aluminum slag - Part 2: Determination of metal aluminum-Gasometric method

YS/T 1179.3-2017 - Part 3: Determination of carbon, nitrogen. Element analysis method

YS/T 1179.3-2023 - Methods for chemical analysis of aluminum ash and slag - Part 3: Determination of carbon and nitrogen content

YS/T 1179.4-2017 - Part 4: Determination method of silicon, magnesium, calcium. Inductively coupled plasma spectroscopy

Other editions:

YS/T 1179.1-2017 (earlier edition)

Standards on related subjects:

GB/T 6609.2-2022 - Chemical analysis methods and determination of physical performance of alumina-Part 2: Determination of loss of mass at 300 °C and 1000 °C

GB/T 6609.1-2018 - Chemical analysis methods and determination of physical performance of alumina-Part 1: Determination of trace elements content-Inductively coupled plasma atomic emission spectrometry method

YS/T 630-2016 - Chemical analysis method of alumina - Determination of impurities in alumina - ICP-AES analytical method

## 5 Classification and status

Chinese Standard Classification (CCS): H 12

Prefix YS/T: recommended standard.



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