

ICS 71.100.10
CCS Q 52

YS

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

YS/T 587.5-2024

Replacing YS/T 587.5-2006

**Detection method of calcined petroleum coke for carbon anode
- Part 5: Determination of the content of trace elements -
Inductively coupled plasma atomic emission spectrometry
(English Translation)**

Issued on: October 24, 2024

Implemented on: May 1, 2025

Issued by: Ministry of Industry and Information Technology

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the method for determining the content of trace elements in calcined petroleum coke for carbon anode by inductively coupled plasma atomic emission spectrometry. This standard is applicable to the determination of the content of trace elements in samples with ash content (mass fraction) of calcined petroleum coke for carbon anode less than 1%, and can be used as a reference for the determination of the content of trace elements in petroleum coke and prebaked anode.

Document data

International classification (ICS): 71.100.10.

Chinese classification (CCS): Q52.

Estimated length of the Chinese original: 15,160 words.

Supersedes the earlier edition YS/T 587.5-2006.