

ICS 77.120.60
CCS H 13

YS

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

YS/T 475.3-2025

Replacing YS/T 475.3-2005

**Methods for chemical analysis of cast bearing alloys - Part 3:
Determination of antimony content - Cerium sulfate titration
and potassium bromate automatic potentiometric titration**
(English Translation)

Issued on: April 10, 2025

Implemented on: November 1, 2025

Issued by: Ministry of Industry and Information Technology

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What this standard covers

This standard specifies the determination method for antimony content in cast bearing alloys. This document applies to the determination of antimony content in cast bearing alloys, with a determination range of 1.50% to 20.00%. Method 1: Cerium sulfate titration method; Method 2: Potassium bromate automatic potentiometric titration method. This method is applicable to the determination of arsenic content in samples with a test solution of less than 50 µg.

Document data

International classification (ICS): 77.120.60.

Chinese classification (CCS): H13.

Estimated length of the Chinese original: 20,223 words.

Supersedes the earlier edition YS/T 475.3-2005.