

ICS 77.120.99
CCS H 15

YS

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

YS/T 1781.3-2025

**Chemical analysis methods of high-temperature shape memory alloys - Part 3:
Determination of cobalt, copper, chromium, iron, niobium, and nickel contents -
Inductively-coupled plasma atomic emission spectrometric method**

(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 a method for determining the content of cobalt, copper, chromium, iron, niobium, and nickel in high-temperature shape memory alloys using inductively coupled plasma atomic emission spectrometry (ICP-AES). This document applies to the determination of the content of cobalt, copper, chromium, iron, niobium, and nickel in high-temperature shape memory alloys. The determination range (mass fraction) for cobalt, copper, chromium, iron, and niobium is 0.0050%~0.50%, and the determination range (mass fraction) for nickel is 1.00%~10.00%.

Document data

International classification (ICS): 77.120.99.

Chinese classification (CCS): H15.

Estimated length of the Chinese original: 20,245 words.