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YS

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

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**Chemical Analysis of High-Temperature Shape Memory Alloys -
Part 4: Determination of Trace Impurity Elements -
Inductively-Coupled Plasma Mass Spectrometry
(English Translation)**

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What this standard covers

This standard specifies a method for determining the content of chromium, manganese, iron, cobalt, zirconium, niobium, tin, antimony, lead, and bismuth in high-temperature shape memory alloys using inductively coupled plasma mass spectrometry (ICP-MS). This document applies to the determination of the content of chromium, manganese, iron, cobalt, zirconium, niobium, tin, antimony, lead, and bismuth in high-temperature shape memory alloys, with a determination range (mass fraction) of 0.0005% to 0.010%.

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