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YS

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

YS/T 1751-2025

**Chemical Analysis Method of Aluminum-Based Boronisation Titanium
Powder - Determination of Element Contents - Inductively-Coupled
Plasma Atomic Emission Spectrometric Method
(English Translation)**

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Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard also specifies an analytical method for determining the content of silicon, iron, copper, magnesium, manganese, chromium, nickel, zinc, titanium, boron, lithium, lead, vanadium, zirconium, beryllium, cadmium, and scandium in aluminum-based titanium boride powder using inductively coupled plasma atomic emission spectrometry (ICP-AES). This document applies to the determination of the content of silicon, iron, copper, magnesium, manganese, chromium, nickel, zinc, titanium, boron, lithium, lead, vanadium, zirconium, beryllium, cadmium, and scandium in aluminum-based titanium boride powder.

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