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ICS 77.040.30
CCS J31

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15161-2025

Inoculants for Foundry - Determination of Aluminum, Calcium, Barium, Strontium, and Zirconium Content - Inductively Coupled Plasma Emission Spectrometry

铸造用孕育剂 铝、钙、钡、锶和锆含量的测定 电感耦合等离子体发射光谱法

(English Translation)

Issued on: August 19, 2025 **Implemented on: March 1, 2026**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/jb-t-15161-2025

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1 Foreword

JB/T 15161-2025 was issued by Ministry of Industry and Information Technology on 19 August 2025 and has been in force since 1 March 2026.

The JB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies a method for determining the content of aluminum, calcium, barium, strontium, and zirconium in casting inoculants using inductively coupled plasma atomic emission spectrometry (ICP-AES). This standard is applicable to the determination of the content of aluminum, calcium, barium, strontium, and zirconium in casting inoculants.

JB/T 15161-2025 falls under ICS 77.040.30, in the field of metallurgy.

This catalogue holds 222 other JB/T standards in that field.

In this catalogue, JB/T standards carry edition years from 1967 to 2026.

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3 About this standard

Sector: Mechanical & Machinery Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 15115-2024 - Die casting aluminum alloys

GB/T 15116-2023 - Die casting copper alloys and copper alloys die castings

JB/T 8583-2008 - Resin coated sand for foundry

JB/T 15611-2026 - Fiber filter for aluminum casting

JB/T 15439-2026 - Cast aluminium-silicon alloys - Determination of grain size

JB/T 15438-2026 - Technical specifications for elevator traction wheel manufactured by iron mold sand coating

5 Classification and status

International classification (ICS): 77.040.30

Chinese Standard Classification (CCS): J 31

Prefix JB/T: recommended standard.

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