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XB

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

XB/T 306-2025

**High-purity erbium metal
(English Translation)**

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This standard specifies the classification, technical requirements, test methods, inspection rules, marking, packaging, transportation, storage, and accompanying documents for high-purity erbium metal. This document applies to high-purity erbium metal produced by purification methods such as vacuum refining, vacuum distillation, and zone melting. It is mainly used in the production of high-purity erbium metal targets, magnetostrictive cold storage materials, reactor neutron control materials, and alloy additives.

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