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ICS 31.030
CCS Q 65

JC

BUILDING MATERIALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JC/T 2849-2024

Ce-doped Lutetium Silicate Single Crystal

掺铈硅酸镥单晶

(English Translation)

Issued on: October 24, 2024 **Implemented on: May 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/jc-t-2849-2024

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1 Foreword

JC/T 2849-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 May 2025.

The JC/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 7 pages in English translation.

2 Scope Preview

This standard specifies the technical requirements, test methods, detection rules, marking, packaging, transportation and storage of cerium-doped lutetium silicate single crystals. This standard applies to cerium-doped lutetium silicate scintillation crystals, and other element-doped lutetium silicate scintillation crystal products can be used as a reference.

JC/T 2849-2024 falls under ICS 31.030, in the field of electronics.

This catalogue holds 4 other JC/T standards in that field.

In this catalogue, JC/T standards carry edition years from 1973 to 2026.

3 About this standard

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English translation: about 7 pages

Chinese original: about 11,121 characters

4 Related standards

Standards on related subjects:

JC/T 2625-2021 - Titanium gypsum

GB/T 15344-2020 - Methods for physical test of talc

JC/T 2268-2014 - Measurement of copper and other elements in brake friction materials

JC/T 2803-2024 - Green factory evaluation requirements for the artificial lens industry

JC/T 2613-2021 - Ti:Sapphire laser crystal

JC/T 2588-2021 - Catalyst powder for synthetic diamond

5 Classification and status

International classification (ICS): 31.030

Chinese Standard Classification (CCS): Q 65

Prefix JC/T: recommended standard.

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