

Certificate of Analysis (CoA)

Nov. 9, 2025

Product Name: Sulfur Granules**Chemical Formula:** S**Purity:** 99.999% (5N)**Form:** Granules / Pieces**Particle Size:** 2–8 mm**Quantity:** 15 kg**Lot Number:** CSJM-251109035**Manufactured by:** Thin-Film Materials

Physical Description

- Appearance: Yellow solid granules
 - Crystal Structure: Orthorhombic (α -Sulfur)
 - Theoretical Density: 2.07 g/cm³
 - Melting Point: ~115.2 °C
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Chemical Composition (by ICP-OES / GDMS)

Element	Symbol	Max. Content (ppm)
Sulfur	S	Balance (>99.999%)
Carbon	C	<5
Oxygen	O	<5
Nitrogen	N	<5
Iron	Fe	<2
Copper	Cu	<2
Zinc	Zn	<2
Arsenic	As	<1
Selenium	Se	<1
Chlorine	Cl	<1
Other elements (each) –		<1

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Handling & Storage

- Store in tightly sealed containers in a cool, dry environment.
 - Protect from moisture and contamination.
 - Avoid prolonged exposure to heat or direct sunlight.
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Declaration

The material described above has been manufactured and inspected in accordance with internal quality control procedures and complies with the specifications stated herein.

Authorized Signature:

Inspection Certificate by: Nancy Liu

Approver by: Chen Qiang

