

Sm

SAMARIUM · RARE EARTH / LANTHANIDE ·
CAS 7440-19-9

MATERIALS REGISTRY

TRUST CENTER

VAULT EVIDENCE

RFQ-GATED

GTOS MATERIAL IDENTITY MATRIX			
FIELD	VALUE	SOURCE LAYER	STATUS
Symbol	Sm	Element Registry	PASS
Name	Samarium	Materials Registry	PASS
CAS from source	7440-19-9	Uploaded file	PASS
GTOS CAS	7440-19-9	CAS/NIST cross-check	VERIFIED
Atomic No.	62	Periodic Registry	PASS
Material Class		GTOS taxonomy	PASS

VAULT CONTROL	
Material ID	GTOS-Sm-62
Evidencesha256: Hash	sm-7440199-vault-evidence
RFQ Status	LOCKED UNTIL VALIDATION
Route	DIGITAL TWIN REVIEW

FIELD	VALUE	SOURCE LAYER	STATUS
	Rare Earth / Lanthanide		

DIGITAL TWIN ROUTE



STRATEGIC APPLICATION SIGNALS

- samarium-cobalt magnets
- alloys
- nuclear applications

GTOS Audit Note: Strategic rare earth; buyer/end-use screening required. Source CAS value: **7440-19-9**. GTOS registry CAS value: **7440-19-9**. Commercial terms, price, TDS, CoA, SDS, packaging and shipment authorization remain gated until validation.

REQUEST CONTROLLED RFQ REVIEW

Controlled B2B Disclosure: This page is a material registry card and not a public offer, technical certification, shipping authorization, sanctions clearance, medical claim, or export-control determination. Buyer identity, end use, destination, documentation package and compliance screening must be completed before any quotation, shipment or technical commitment.