

Gd

GADOLINIUM · RARE EARTH / LANTHANIDE ·
CAS 7440-54-2

MATERIALS REGISTRY

TRUST CENTER

VAULT EVIDENCE

RFQ-GATED

GTOS MATERIAL IDENTITY MATRIX			
FIELD	VALUE	SOURCE LAYER	STATUS
Symbol	Gd	Element Registry	PASS
Name	Gadolinium	Materials Registry	PASS
CAS from source	7440-54-2	Uploaded file	PASS
GTOS CAS	7440-54-2	CAS/NIST cross-check	VERIFIED
Atomic No.	64	Periodic Registry	PASS
Material Class		GTOS taxonomy	PASS

VAULT CONTROL	
Material ID	GTOS-Gd-64
Evidencesha256:Hash	gd-7440542-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

- magnetic materials
- neutron capture applications
- advanced alloys

GTOS Audit Note: Specialty rare earth; application and destination screening required. Source CAS value: **7440-54-2**. GTOS registry CAS value: **7440-54-2**. 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.