



EuStrategix Critical Metals

Urgent and Strategic Access to Critical Metals and Rare Earth

Product Catalog & Technical Specifications

EuStrategix Critical Metals (EUS) is a European specialty materials platform dedicated to the sourcing, qualification, and just-in-time delivery of high-purity critical metals and rare earth oxides for advanced industrial applications. Operating at the intersection of materials science, regulatory compliance, and strategic supply security, EUS is designed to meet the needs of sectors where precision, traceability, and reliability are non-negotiable.

Unlike volume-driven bulk suppliers, EUS focuses on high-value, high-purity materials delivered through a controlled, documentation-based framework with regulatory compliance as a priority. This model reflects the operating standards of leading specialty materials companies, where technical rigor, process discipline, and selective client relationships define long-term partnerships.

In today's global materials landscape, supply chains are increasingly exposed to geopolitical fragmentation, tightening regulation, and concentration risk. European manufacturers and research institutions require not only access to critical materials, but also assurances of origin, regulatory conformity, and continuity of supply. EUS provides a Europe-aligned parallel supply architecture that complements traditional bulk sourcing and reduces systemic risk.

EUS Positioning

- **Focus on specialty materials:** high-purity critical metals and rare earth oxides tailored to advanced applications.
- **Micro-lot and JIT model:** rapid delivery capabilities designed for R&D, pilot lines, and high-value production.
- **Compliance by design:** integrated alignment with REACH, RoHS, EU dual-use regulations, and OECD due-diligence frameworks.
- **Controlled client access:** structured qualification and verification processes aligned with regulatory and security requirements.
- **Documentation-centric operations:** systematic integration of CoA, SDS, traceability statements, and technical data.
- **European supply infrastructure:** secure EU-based logistics and controlled sourcing channels.

Strategic Value for Clients

- **Operational continuity:** reduced exposure to supply disruptions and regulatory uncertainties.
- **Regulatory assurance:** lower risk of non-compliant imports and associated legal or reputational consequences.
- **Capital efficiency:** optimized inventory management through micro-lot and JIT sourcing.
- **Technical confidence:** verified quality supported by comprehensive documentation.

- **Strategic optionality:** validated secondary supply channel within the European regulatory ecosystem.

Client Qualification and Supply Access Framework

EUS applies a structured, multi-level client qualification framework aligned with export regulations and end-user jurisdictional requirements.

This framework balances operational agility with regulatory rigor, ensuring secure and compliant access to critical materials.

Summary of Client Access Categories

EUS Rapid Access™

For previously qualified clients with validated regulatory compliance. Standard delivery in 3 days; next business day delivery available for confirmed orders placed before 13:00 CET available at additional cost.

EUS Qualified Access™

For new clients undergoing compliance verification. The first order is processed in approximately 25 days; subsequent orders are eligible for 3-day delivery and urgent shipping. Overnight urgent delivery available at additional cost.

EUS Strategic Clearance™

For materials and clients subject to enhanced regulatory oversight or export controls. Approval timelines typically range between 3 and 4 months, depending on regulatory authorization. Once approved, delivery is approximately 20 days; subsequent orders are eligible for 3-day delivery and urgent shipping. Overnight urgent delivery available at additional cost.

EUS Strategic Partnership™

For clients with recurring supply needs throughout the year. Once the first order is completed, all subsequent orders are eligible for priority 3-day delivery. Overnight urgent delivery available at additional cost.

EuStrategix Critical Metals – Strategic Vision

EuStrategix Critical Metals (EUS) is a European supplier specializing in high-purity critical metals and rare earth oxides, positioned at the intersection of advanced materials, regulatory compliance, and strategic supply security. EUS operates with a precision-driven model, combining technical rigor, documentary excellence, and selective client relationships.

In an era marked by geopolitical fragmentation, regulatory tightening, and concentration risk in global supply chains, European industrial users face a structural vulnerability: dependence on bulk suppliers optimized for volume rather than reliability, compliance, and responsiveness.

EUS fills this gap by providing a parallel, compliant, and agile supply channel designed for R&D, pilot lines, and high-value industrial applications.

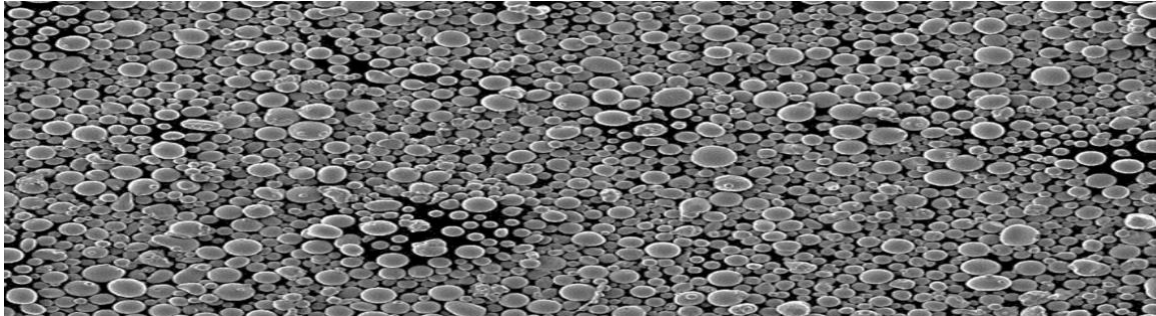
EUS Strategic Positioning

- **Dual-supply architecture:** EUS acts as a strategic secondary supply chain, reducing reliance on single-source bulk providers.
- **Micro-lot and high-purity focus:** optimized for advanced industries requiring precision, traceability, and rapid access.
- **Compliance by design:** full integration of EU regulatory frameworks (REACH, RoHS, dual-use regulations, OECD due diligence).
- **Selective client governance:** structured qualification and verification aligned with regulatory and security requirements.
- **Documentation-centric model:** systematic integration of CoA, SDS, traceability statements, and technical specifications.
- **European logistics infrastructure:** secure EU-based distribution enabling rapid delivery and regulatory certainty.

Strategic Value for Clients

- **Supply resilience:** mitigation of geopolitical, regulatory, and commercial risks.
- **Capital efficiency:** reduced inventory exposure through JIT micro-lot sourcing.
- **Regulatory risk mitigation:** lower likelihood of detentions, compliance disputes, or reputational exposure.
- **Innovation acceleration:** faster access to scarce materials for R&D and advanced manufacturing.
- **Strategic optionality:** validated alternative supply channel within the EU regulatory framework.

EuStrategix Critical Metals – Product Catalog



Each EUS shipment is accompanied by a complete documentation package designed to ensure traceability, regulatory compliance, and technical validation. This typically includes a Certificate of Analysis (CoA), Safety Data Sheet (SDS), batch identification, and relevant technical specifications.

Where required, EUS also provides compliance and traceability statements aligned with EU regulatory frameworks, including REACH, RoHS, and applicable export-control requirements. This documentation framework enables clients to verify material quality, origin, and conformity, facilitating integration into industrial, laboratory, and R&D processes with full regulatory assurance.

SPECIFICATION SHEETS / HOJAS DE ESPECIFICACIONES

Tantalum (Ta)/Tántalo (Ta)

Availability: Available for delivery within 3 days (JIT). Overnight urgent delivery available at additional cost.

Typical Uses

- Capacitors and electronics
- Aerospace and superalloys
- Medical implants
- High-temperature applications

Typical Companies / Industries

- Semiconductor manufacturers
- Aerospace OEMs
- Medical device companies
- Advanced electronics companies

Tantalum Pentoxide (Ta₂O₅) — 99.99 % (4N) High Purity
Pentóxido de tántalo (Ta₂O₅) — 99.99 % (4N) Alta Pureza

Supplier / Proveedor: EuStrategix Critical Metals S.L.

Product Category / Categoría: Critical Minerals – High-Purity Oxides

Compliance / Cumplimiento: REACH-compliant under < 1 t/y import exemption. RoHS-compatible (no restricted substances). Conflict-free and traceable to source. Conforme a REACH (bajo exención < 1 t/año). Compatible con RoHS (sin sustancias restringidas). Libre de conflicto y trazable al origen.

1. Product Identification / Identificación del Producto

Product Name / Nombre Tantalum Pentoxide / Pentóxido de tántalo

Chemical Formula / Fórmula química Ta₂O₅

CAS Number / Nº CAS 1314-61-0
Origin / Origen Traceable to REACH-compliant source / Trazable a fuente conforme a REACH

2. Specifications / Especificaciones

Purity / Pureza	≥ 99.99 % (4N)	%
Total Impurities / Impurezas totales	< 100	ppm
Main Rare Earth Impurities / Impurezas principales	Within standard limits/Dentro de los límites del estándar	
Key Non-REE Impurities / Impurezas clave (no-REE)	Within standard limits/Dentro de los límites del estándar	
Particle size standard/ Tamaño de partícula	< 3	µm
D50	1.55	µm
LOI / Pérdida por ignición	≤ 1500	ppm
Appearance / Apariencia	White powder / Polvo blanco	—

3. Analytical Verification / Verificación Analítica

Analyzed by ICP-OES / XRF in ISO 17025-accredited laboratories.
Analizado mediante ICP-OES / XRF en laboratorios acreditados ISO 17025.

4. Compliance / Cumplimiento

- REACH-compliant under < 1 t/y import exemption.
- RoHS-compatible (no restricted substances).
- Conflict-free and traceable to source.
- Conforme a REACH (bajo exención < 1 t/año).
- Compatible con RoHS (sin sustancias restringidas).
- Libre de conflicto y trazable al origen.

Niobium (Nb)/Niobio (Nb)

Availability: Available for delivery within 3 days (JIT). Overnight urgent delivery available at additional cost.

Typical Uses

- Steel alloys
- Superconductors
- Aerospace materials
- Additive manufacturing

Typical Companies / Industries

- Steel producers
- Aerospace manufacturers
- Advanced materials companies
- Energy sector companies

Niobium Pentoxide (Nb₂O₅) — 99.99 % (4N) High Purity Pentóxido de niobio (Nb₂O₅) — 99.99 % (4N) Alta Pureza

Supplier / Proveedor: EuStrategix Critical Metals S.L.

Product Category / Categoría: Critical Minerals – High-Purity Oxides

Compliance / Cumplimiento: REACH-compliant under < 1 t/y import exemption. RoHS-compatible (no restricted substances). Conflict-free and traceable to source. Conforme a REACH (bajo exención < 1 t/año). Compatible con RoHS (sin sustancias restringidas). Libre de conflicto y trazable al origen.

1. Product Identification / Identificación del Producto

Product Name / Nombre Niobium Pentoxide / Pentóxido de niobio
Chemical Formula / Fórmula química Nb₂O₅
CAS Number / Nº CAS 1313-96-8
Origin / Origen Traceable to compliant industrial source / Trazable a fuente industrial conforme

2. Specifications / Especificaciones

Purity / Pureza	≥ 99.99 % (4N)	%
Total Impurities / Impurezas totales	< 100	ppm
Main Rare Earth Impurities / Impurezas principales	Within standard limits/Dentro de los límites del estándar	
Key Non-REE Impurities / Impurezas clave (no-REE)	Within standard limits/Dentro de los límites del estándar	
Particle size standard/ Tamaño de partícula	< 3	µm
D50	1.24	µm
LOI / Pérdida por ignición	3000	ppm
Appearance / Apariencia	White to light gray powder/Polvo blanco a gris claro	—

3. Analytical Verification / Verificación Analítica

Analyzed by ICP-OES / XRF in ISO 17025-accredited laboratories.
Analizado mediante ICP-OES / XRF en laboratorios acreditados ISO 17025.

4. Compliance / Cumplimiento

- REACH-compliant under < 1 t/y import exemption.
- RoHS-compatible (no restricted substances).
- Conflict-free and traceable to source.
- Conforme a REACH (bajo exención < 1 t/año).

- Compatible con RoHS (sin sustancias restringidas).
- Libre de conflicto y trazable al origen.

Gadolinium Oxide (Gd₂O₃)/Óxido de gadolinio (Gd₂O₃)

Availability: Qualified accounts only. After the first shipment, available for delivery within 3 days. Overnight urgent delivery available at additional cost.

Typical Uses

- MRI contrast agents
- Permanent magnets
- Optical materials
- Nuclear applications

Typical Companies / Industries

- Medical technology companies
- Magnet manufacturers
- Optics companies
- Nuclear sector companies

Gadolinium Oxide (Gd₂O₃) — 99.5 % TREO ≥ 99.7 %
 Óxido de gadolinio (Gd₂O₃) — 99.5 % TREO ≥ 99.7 %

Supplier / Proveedor: EuStrategix Critical Metals S.L.

Product Category / Categoría: Critical Minerals – High-Purity Oxides

Compliance / Cumplimiento: REACH-compliant under < 1 t/y import exemption. RoHS-compatible (no restricted substances). Conflict-free and traceable to source.

Conforme a REACH (bajo exención < 1 t/año). Compatible con RoHS (sin sustancias restringidas). Libre de conflicto y trazable al origen.

1. Product Identification / Identificación del Producto

Product Name / Nombre	Gadolinium Oxide/ Óxido de gadolinio
Chemical Formula / Fórmula química	Gd ₂ O ₃
CAS Number / Nº CAS	12064-62-9
Origin / Origen	Traceable to REACH-compliant source / Trazable a fuente conforme a REACH

2. Specifications / Especificaciones

Purity / Pureza	≥ 99.5% (4N) - TREO ≥ 99.7 %	%
Total Impurities / Impurezas totales	< 300	ppm
Main Rare Earth Impurities / Impurezas principales	Within standard limits/Dentro de los límites del estándar	
Key Non-REE Impurities / Impurezas clave (no-REE)	Within standard limits/Dentro de los límites del estándar	
Particle size standard/ Tamaño de partícula	< 3	µm
D50	2.66 µm	µm
LOI / Pérdida por ignición	≤ 0.5 %	%
Appearance / Apariencia	White to light gray powder / Polvo blanco a gris claro	—

3. Analytical Verification / Verificación Analítica

Analyzed by ICP-OES / XRF in ISO 17025-accredited laboratories.

Analizado mediante ICP-OES / XRF en laboratorios acreditados ISO 17025.

4. Compliance / Cumplimiento

- REACH-compliant under < 1 t/y import exemption.
- RoHS-compatible (no restricted substances).
- Conflict-free and traceable to source.
- Conforme a REACH (bajo exención < 1 t/año).
- Compatible con RoHS (sin sustancias restringidas).
- Libre de conflicto y trazable al origen.

Cobalt Oxide (Co₃O₄)/ Óxido de cobalto (Co₃O₄)

Availability: Qualified accounts only. After the first shipment, available for delivery within 3 days. Overnight urgent delivery available at additional cost.

Typical Uses

- Battery cathodes
- Catalysts
- Pigments
- Ceramics

Typical Companies / Industries

- Battery manufacturers
- Chemical companies

- **Ceramic producers**

Cobalt Tetroxide (Co₃O₄) Óxido de cobalto (Co₃O₄)

Supplier / Proveedor: EuStrategix Critical Metals S.L.

Product Category / Categoría: Critical Minerals – Functional Metal Oxides

Compliance / Cumplimiento: REACH positioned for < 1 t/y controlled imports. RoHS compatible (no restricted substances). Civil / industrial use only. Conflict free and traceable to source.

Posicionado bajo REACH para importaciones controladas < 1 t/año. Compatible con RoHS (sin sustancias restringidas). Uso civil / industrial únicamente. Libre de conflicto y trazable al origen.

1. Product Identification / Identificación del Producto

Product Name / Nombre	Cobalt Tetroxide / Tetróxido de cobalto
Chemical Formula / Fórmula química	Co ₃ O ₄
CAS Number / Nº CAS	1308-06-1
Origin / Origen	Traceable to REACH-compliant source / Trazable a fuente conforme a REACH

2. Specifications / Especificaciones

Purity / Pureza	73.27	%
Total Impurities / Impurezas totales	Within standard limits (see COA)	
Particle size standard/ Tamaño de partícula	D10 ≥ 1.0/D50 2.6–3.2/ D90 ≤ 7.0 μm	
D10/D50/D90	D10 1.82/D50 2.82/D90 4.35	μm
Appearance / Apariencia	Black powder / Polvo negro	—

3. Analytical Verification / Verificación Analítica

Analyzed by ICP-OES / XRF in ISO 17025 accredited laboratories.
Analizado mediante ICP-OES / XRF en laboratorios acreditados ISO 17025.

4. Compliance / Cumplimiento

- REACH positioned for < 1 t/y controlled imports.
- RoHS compatible (no restricted substances).
- Civil / industrial end-use only; end-use confirmation required.
- Conflict free and traceable to source.
- Posicionado bajo REACH para importaciones controladas < 1 t/año.
- Compatible con RoHS (sin sustancias restringidas).
- Uso civil / industrial; se requiere confirmación de uso final.
- Libre de conflicto y trazable al origen.

Lanthanum Oxide (La₂O₃)/Óxido de lantano (La₂O₃)

Availability: Qualified accounts only. After the first shipment, available for delivery within 3 days. Overnight urgent delivery available at additional cost.

Typical Uses

- Optical glass
- Catalysts
- Ceramics
- Battery materials

Typical Companies / Industries

- Glass manufacturers
- Chemical companies
- Ceramic companies
- Energy sector companies

Company / Empresa: EuStrategix Critical Metals S.L.

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Lanthanum Oxide (La₂O₃) Óxido de lantano (La₂O₃)

Supplier / Proveedor: EuStrategix Critical Metals S.L.

Product Category / Categoría: Critical Minerals – High-Purity Oxides

Compliance / Cumplimiento: REACH-compliant under < 1 t/y import exemption. RoHS-compatible (no restricted substances). Conflict-free and traceable to source.

Conforme a REACH (bajo exención < 1 t/año). Compatible con RoHS (sin sustancias restringidas). Libre de conflicto y trazable al origen.

1. Product Identification / Identificación del Producto

Product Name / Nombre	Lanthanum Oxide / Óxido de lantano
Chemical Formula / Fórmula química	La ₂ O ₃
CAS Number / Nº CAS	1312-81-8
Origin / Origen	Traceable to REACH-compliant source / Trazable a fuente conforme a REACH

2. Specifications / Especificaciones

Purity / Pureza	≥ 99.99 % (4N)	%
Other RE Oxides / Otros óxidos RE	< 0.005 % each	%
D50/D90	0.98/1.91	µm
Appearance / Apariencia	White to light gray powder / Polvo blanco a gris claro	—

3. Analytical Verification / Verificación Analítica

Analyzed by ICP-OES / XRF in ISO 17025-accredited laboratories.
 Analizado mediante ICP-OES / XRF en laboratorios acreditados ISO 17025.

4. Compliance / Cumplimiento

- REACH-compliant under < 1 t/y import exemption.
- RoHS-compatible (no restricted substances).
- Conflict-free and traceable to source.
- Conforme a REACH (bajo exención < 1 t/año).
- Compatible con RoHS (sin sustancias restringidas).
- Libre de conflicto y trazable al origen.

Terbium Oxide (Tb₄O₇)/Óxido de terbio (Tb₄O₇)

Availability: Verified clients only (approved by EuStrategix, the government of the client's country of residence, and the manufacturer's government). After the first shipment, available for delivery within 3 days. Overnight urgent delivery available at additional cost.

Typical Uses

- Phosphors for displays
- Permanent magnets
- Advanced optics

Typical Companies / Industries

- Display manufacturers
- Advanced materials companies
- Optics companies

Company / Empresa: EuStrategix Critical Metals S.L.
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Terbium Oxide (Tb₄O₇) — Tb₄O₇/REO > 99.99%
Óxido de terbio (Tb₄O₇) — Pureza REO > 99.99 %

Supplier / Proveedor: EuStrategix Critical Metals S.L.
Product Category / Categoría: Critical Minerals – High-Purity Oxides
Compliance / Cumplimiento: REACH-compliant under < 1 t/y import exemption. RoHS-compatible (no restricted substances). Conflict-free and traceable to source. Conforme a REACH (bajo exención < 1 t/año). Compatible con RoHS (sin sustancias restringidas). Libre de conflicto y trazable al origen.

1. Product Identification / Identificación del Producto

Product Name / Nombre	Terbium Oxide (Tb ₄ O ₇) / Óxido de terbio (Tb ₄ O ₇)
Chemical Formula / Fórmula química	Tb ₄ O ₇
CAS Number / Nº CAS	12037-01-3
Origin / Origen	Traceable to REACH-compliant source / Trazable a fuente conforme a REACH

2. Specifications / Especificaciones

Purity / Pureza	Tb ₄ O ₇ / REO > 99.99 / TREO 99	%
Other RE Oxides / Otros óxidos RE	< 0.0006 each (as REO)	%
D10/D50/D90	4.786/10.277/18.886	µm
LOI / Pérdida por ignición	≤ 1	%
Appearance / Apariencia	Dark brown to black powder	—

3. Analytical Verification / Verificación Analítica

Analyzed by ICP-OES / XRF in ISO 17025-accredited laboratories.
 Analizado mediante ICP-OES / XRF en laboratorios acreditados ISO 17025.

4. Compliance / Cumplimiento

- REACH-compliant under < 1 t/y import exemption.
- RoHS-compatible (no restricted substances).
- Conflict-free and traceable to source.
- Conforme a REACH (bajo exención < 1 t/año).
- Compatible con RoHS (sin sustancias restringidas).
- Libre de conflicto y trazable al origen.

About EuStrategix Critical Metals (EUS)

EuStrategix Critical Metals (EUS) is a Europe-based strategic supplier of high-purity critical metals and rare earth oxides, specializing in just-in-time (JIT) micro-lot delivery, compliant sourcing, and fully traceable supply chains.

EUS serves advanced industries including aerospace, defense, photonics, additive manufacturing, electronics, ceramics, and R&D institutions.

Why EUS Is Different

- **JIT micro-lot supply model:** rapid 3-day delivery for selected products, minimizing inventory risk and capital lock-up.
- **EU compliance-first approach:** full alignment with REACH, RoHS, and European Union regulatory frameworks.
- **Traceable and documented supply chain:** CoA, SDS, and compliance documentation available with every shipment.
- **Selective client qualification:** structured approval process to ensure regulatory and security compliance.
- **Strategic focus on high-purity materials:** tailored for R&D, pilot lines, and advanced industrial applications.
- **Europe-centered logistics:** reliable EU-based distribution and secure sourcing channels.

Benefits of Working with EUS

- **Supply security:** reduced dependence on single bulk suppliers and lower geopolitical risk.
- **Operational flexibility:** on-demand access to critical materials without long-term commitments.
- **Regulatory protection:** lower risk of non-compliant imports, sanctions, or shipment interruptions.
- **Technical reliability:** consistent quality supported by certification and documentation.
- **Strategic advantage:** faster access to scarce materials for innovation, prototyping, and production.
- **Scalable relationship model:** from qualified accounts to fully verified strategic partnerships.

Contact

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