

Murua Korea Corporation

MURUA KOREA CORP. · MURUA GROUP AG · ZUG, SWITZERLAND

Company Profile

Neutral sourcing platform for 6N ultra-high-purity copper powder, rare metals, rare earth semiconductors, advanced materials, space, and the defense industry.

Strategic Mineral Materials / Supply Partner

Partner: GB LABS Co., Ltd.

davidpak153@murua.kr · murua.kr · muruagroup.com

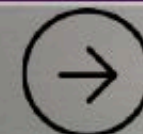


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Murua's Promise - OUR PROMISE

**Verified materials,
When you need it, as much as
you need.**

Yields in advanced industries are decided by material purity and supply stability. Murua Korea combines our Swiss HQ's neutral sourcing network with bonded inventory in Korea to deliver verified materials in exact quantities, exactly when customers need them.

Immediacy

01

With 600kg of 6N copper powder held in our Incheon bonded warehouse, we ship samples and initial orders with no lead time and run a regular supply program of 1~2 tons per month.

Transparency

02

We provide Swiss ISE GD-MS composition and SEM particle analysis reports, certificates of origin and lot-level traceability documents before every deal.

Customization

03

Through our HQ's European refining and smelting partners, we engineer particle size, morphology and purity to your process and supply on a regular basis.



MURUA
KOREA



01. At a Glance

Powder Available Now Ultra-High-Purity Copper

As of June 2026 · Quantities reconfirmed at time of trade

6N – 7N

Copper Powder Purity Grade

99.9999% –
99.99999% (supplier spec)

~59,000kg

Copper powder inventory

Distributed storage across
South Korea, Switzerland,
and Hong Kong

600kg

Immediately available stock

Incheon Bonded
Warehouse · ISE Sample
Lot

1–2 t

Monthly regular supply

1,000–2,000 kg per month

8

Strategic Materials in
Stock

6

Inventory Storage
Country/Region

ISE

GD-MS/SEM Report from a
Swiss Analytical Agency

CH

Zug, Switzerland Headq
uarters · Neutral Sourcing

We hold 600kg of Czech-refined 6N copper powder in our Incheon bonded warehouse and can supply 1,000~2,000kg every month.





01. About Us

Neutral Sourcing , Stable Supply

Murua Korea Corp. is the Korean subsidiary of Murua Group AG, headquartered in Zug, Switzerland, established to reliably supply strategic mineral materials amid surging demand across semiconductors, advanced materials, space and defense.

We respond directly and flexibly to Korean buyers, and through our HQ's strategic refining and smelting partners we regularly supply products customized to buyer specifications.



LEADERSHIP

Pak Zhe Khi

Representative Director (CEO)



Company Overview

Item	Details
Legal Name	Murua Korea Corporation Co., Ltd.
English Name	Murua Korea Corp.
Incorporated · Capital	Nov 22, 2023 · KRW 300 million
Corporate Registration No.	110111-8798253
Business Registration No.	119-88-03177
CEO	David Zhe Khi Pak
Parent Company	Murua Group AG (Zug, Switzerland)
Head Office	5F, 19 Nonhyeon-ro 119-gil, Gangnam-gu, Seoul
Business Scope	Trade in ultra-high-purity metal powders · strategic metals · rare earths · non-ferrous and precious metals

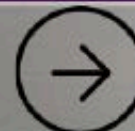




01. History - From Energy Trading to a Strategic Materials Platform

Company History and Goals





01. Group Structure

Murua Group Global Network

HEADQUARTERS · Zug, Switzerland
Murua Group AG

Unter Altstadt 10, 6300 Zug · Neutral sourcing · Oversees refining partners

KOREA · Seoul
Murua Korea Corp.

Direct service to Korean semiconductor and advanced-materials buyers;
Incheon bonded inventory; sample, initial and regular supply and contract
fulfilment

HONG KONG · Wan Chai
Murua Asia Limited

Asia-Americas trading and resale hub; Hong Kong inventory
(tungsten, rare earths, silver); intra-group international trade

EUROPE · Refining Network
Refining Partners

Smelting, refining and powdering partners in Germany · Poland · Czechia;
Swiss ISE analysis; inventory in Zurich



1. Management Operations



REPRESENTATIVE DIRECTOR

David Zhe Khi Pak

Representative Director · CEO

Leads Murua Group's global sourcing network and European refining and smelting partnerships, strategic mineral supply contracts, overseas inventory, and cooperation with key customers and strategic partners.

DIRECTOR · FINANCE

You Hyunkeun

Executive Director · Finance Director

Oversees finance, treasury and management, and is responsible for domestic investment and strategic partnership talks, deal payment structures and internal controls.

Sourcing · Trading

HQ-Linked Procurement

Quality · Analysis

ISE · SGS Partnership

Logistics · Bonded

Incheon Bonded Warehouse

Compliance

KYC · Origin

Finance · Payment

T/T · Payment Verification



01. Leadership

Leadership Team



REPRESENTATIVE DIRECTOR (CEO)

David Zhe Khi Pak

Representative Director · CEO

- B.A. Korea Univ. · M.A. Moscow State Univ.
- Executive MBA, Kellogg (Northwestern)
- Retail Marketing Director, Samsung Rus
- 12 yrs Cheil Russia/CIS · STX new business



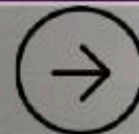
DIRECTOR · FINANCE

You Hyunkeun

Executive Director · Finance Director

- Oversees finance, treasury and management
- Domestic investment and partnership talks
- Payment structures and internal controls





About Us

Products

Quality

Supply

Contact

02. Business Areas & Market BUSINESS AREAS

Six Major Business Areas



CORE - 01

Ultra-High-Purity Metal Powders

6N copper powder; particle size, shape and purity tailored to your process; from samples to monthly supply



02

Strategic Metals · Rare Metals

High-purity tungsten, antimony ingots, germanium, rhodium, ultra-fine nickel wire and other defense and semiconductor inputs



03

Rare Earths · Metal Oxides

99.95~99.99% rare earth oxides incl. neodymium, dysprosium and terbium for permanent magnets and motors



04

Non-Ferrous Metals · Resource Trade

Import sales of copper, zinc, aluminum, cobalt and concentrates; wholesale of copper, steel and aluminum plates, scrap and recycled materials



05

Precious Metals

Import, wholesale and retail of LBMA 99.99% silver, other precious metals and jewelry, with international vaulting (Brink's)



06

Energy Brokerage

Brokerage, distribution and sales of natural gas, petroleum and other energy products; energy services marketing and sales agency

Source: corporate registry business purposes · business registration categories



MuruaKorea & Gblabs Energy Group



MuruaKorea





02. Business Areas & Business Areas and Markets

Ultra-high-purity materials determine the yields of advanced industries.

As manufacturing processes become increasingly miniaturized and performance demands rise, material purity and supply stability emerge as key competitive advantages. 6N copper powder is not merely a raw material; it is a strategic asset that determines the yield of advanced technologies.

01

AI Semiconductor Packaging

Wiring and bonding materials for TSV (through-silicon via) and RDL (redistribution layer) in HBM4·5·6 packaging. Impurity levels directly drive signal loss and yield.

02

Next-Gen Displays

Sputtering targets and conductive pastes for QD-OLED, micro LED and other next-gen panels. High-purity copper improves wiring resistance and uniformity.

03

Space · Defense

Ultra-light, highly conductive, high-reliability parts for LEO satellites and next-gen defense systems. A secure supply line is itself a national security asset.

04

Robotics · Power Infrastructure

Core conductor material for humanoid robot actuators and ultra-high-voltage, high-efficiency grids. Demand is surging as mass production begins.

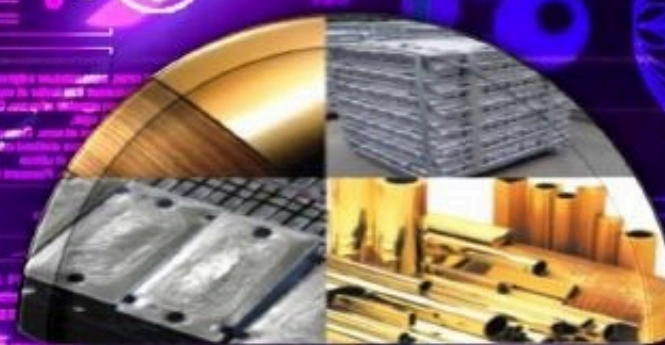
MARKET ENVIRONMENT





2. Business Areas & Market

Copper Market – An Era of Structural Shortage



\$14,527

LME All-Time High

USD/MT · January 2026

+40%

Annual Price Increase

Copper Price 2025

330K MT

Projected 2026 Supply Deficit

J.P. Morgan

\$15,000

2035 Long-Term Price Outlook

USD/MT

Demand — EV · AI Data Centers

An EV uses 3~4x the copper of a combustion car, and AI infrastructure is expected to add 2,200TWh of power demand by 2035.

Supply — Aging Mines

New mines take 10+ years to develop, while labor disputes and environmental rules in Chile, Zambia and other key regions raise disruption risk.

6N Powder — 1,000 MT+

Global 6N copper powder capacity falls far short of expected 2030 demand, making a secured supply line a competitive edge.

Source: Goldman Sachs · LME · CNBC · Wood Mackenzie (2025.12~2026.01) · 6N demand: METIS project data



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02. Business Areas & Market

A Diversified Sourcing Platform for Supply Chain Resilience

As global supply chains realign, Murua offers four strengths that reduce single-country dependence and secure customers' long-term supply stability



Non-China Supply Chain

Our Swiss-based, origin-traceable supply chain helps semiconductor customers meet ESG and supply chain due diligence requirements.



Sourcing Diversification

Chilean and Peruvian copper is smelted, refined and powdered at specialist sites in Germany, Poland and Czechia, spreading single-country risk.

Building the Future of Steel with Quality and Trust



Full Analysis • Documentation

ISE GD-MS and SEM reports, certificates of origin, CoA and trade compliance documents come as a standard package.



Immediately Available Stock

Multi-region stock lets us ship samples and initial volumes with no lead time, then supply fixed monthly volumes.

TECHNOLOGY STATUS



MuruaKorea & Gblabs Energy Group



MuruaKorea System





3. Flagship Product · 6N Copper Powder

Ultra-High-Purity Copper Powder for Next-Gen

Semiconductor · Display Processes

With outstanding electrical and thermal conductivity and excellent corrosion resistance, copper powder is a core

material for electronics, metal coatings, filters, 3D printing and precision metallurgy. Murua's 6N copper powder delivers consistent results across manufacturing through high quality and uniform properties.

6N

99.9999% Cu

COPPER POWDER · Ultra-High-Purity Copper Powder

Grade

Oxygen-free ultrafine powder
PMV-E · PMV-X

Safety

Non-radioactive, free of
radioisotopes

Verification

Analyzed by ISE (Switzerland)
via GD-MS · SEM



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02. Business Areas & Market

Specifications: 6N Ultra-High-Purity Copper Powder

Property	Specification
Product	High Purity Copper Powder
Purity Grade	6N 99.9999% (ISE-verified) ~ 7N (supplier spec)
Powder Grade	Oxygen-free ultrafine powder PMV-E · PMV-X
Particle Shape	Dendritic + spherical mix
Size Range	0.6 - 50 μm (50%+ at 13-48 μm)
Oxygen Content	Below 5 ppm (supplier spec)
Isotopic Composition	$^{63}\text{Cu} \approx 69.2\%$ · $^{65}\text{Cu} \approx 30.8\%$

Supply Item	Terms
Radioactivity	Non-radioactive (ISE-confirmed)
Packaging	Inert-gas-filled ampoules · vacuum-sealed
Key Applications	Sputtering targets · conductive paste · 3D printing
Stock on Hand	Approx. 59,000kg (Korea · Switzerland · Hong Kong)
Immediately Available	600kg – Incheon bonded warehouse
Regular Supply	1,000 - 2,000kg per month
Custom Specs	Size, shape and purity on request

※ 6N purity is as determined by ISE Analysis Report (ISE-A20258366) against impurities specified in TU 24.44.21-002-75815004-2022; 7N and oxygen content are

*supplier-stated specifications. All quantities are reconfirmed at the time of transaction.

TECHNOLOGY STATUS



MuruaKorea & Gblabs Energy Group



MuruaKorea System





3. Flagship Product · 6N Copper Powder

Why Copper Powder Matters MATERIAL PROPERTIES

High Electrical · Thermal Conductivity

Efficiently conducts heat and electricity, raising end-product quality and reliability. With ultra-low impurities, 6N grade minimizes electron scattering, cutting resistance and heat in fine interconnects.

High Dispersibility · Densification

Its fine structure ensures uniform distribution and aids alloy densification. A wide dendritic-spherical size distribution raises packing density in paste and sintering processes.

Copper

Antimicrobial Properties

Effectively inhibits bacterial growth, with wide use in medical and hygiene tech such as implants and antimicrobial device coatings.

Corrosion Resistance · Durability

Extends the life of anti-corrosion coatings and high-load parts, including aerospace and rocket components facing extreme heat and stress.





02. Business Areas & Market

SCOPE OF APPLICATION

10 Key Applications of Copper Powder

01

Electronics



Essential parts for conductive coatings and advanced electrical devices

02

3D Printing



Complex metal parts built layer by layer

03

Metallurgy



Alloy additive for strength, thermal conductivity and corrosion resistance

04

Automotive



More durable, wear-resistant brake pads and bearings

05

Energy



Better conductivity and thermal efficiency in system parts

06

Construction



Longer structural life via anti-corrosion coatings and heat exchangers

07

Jewelry



Durable alloys and wear-resistant decorative parts

08

Medical



Implants and antimicrobial coatings for specialty devices

09

Aerospace



Parts needing high heat conduction and extreme-environment resistance

10

Rocketry

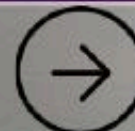


High-performance heat exchangers and high-load parts

Source: Murua Group AG application data (Nov 2025)

Top 10 Application Areas for Copper Powder





3. Flagship Product · 6N Copper Powder

Process Requirements and Murua's Response

Industry	Process	Requirements	Murua's Response
AI Semiconductors	HBM TSV · RDL interconnects, bonding	Ultra-low impurities, minimal signal loss	ISE-verified 6N purity, lot-by-lot analysis
Display	Sputtering targets · wiring deposition	Purity uniformity, low oxygen	Inert-gas ampoule storage
Electronics · Packaging	Conductive paste · sintering	Packing density, dispersibility	Dendritic + spherical size mix
Additive Manufacturing	Metal 3D printing	Size control, flowability	Custom sizing with refining partners
Robotics · Power	Actuators · high-efficiency conductors	High conductivity, stable bulk supply	Regular supply of 1-2 tons/month
Space · Defense	LEO satellites · defense parts	Origin traceability, regulatory compliance	Non-China supply chain, NATO·EU CRM ready

Beyond raw material sales, we aim to supply custom copper paste and powder solutions optimized for specific processes, capturing far higher per-gram value than standard cathode copper.

Tech-AI Innovation



04. Quality Verification Swiss ISE Analysis Report

QUALITY VERIFICATION

Results

Cu (Remainder) = 99.9999%

Basis: ISE Analysis Report No. ISE-A20258366 ·
Institut für Seltene Erden und Metalle AG, Luzern



Murua's copper powder was analyzed for composition and particles by ISE (Institut für Seltene Erden und Metalle AG), a Lucerne-based rare earths and metals lab, using samples taken directly by its inspector.

Item	Details
Analysis Report	No. ISE-A20258366 (issued 2025.06.23)
Sampling	2025.06.03 · taken by ISE inspector
Sample · Stock	ISE-5262 · total 600kg
Reference No.	ST2025437 · IR20252501 · V202511468
Method	GD-MS · ISO/TS 15338:2009
Laboratory	ISE Laboratory / Elmaspecs (Willich)
Criteria	TU 24.44.21-002-75815004-2022
Specified Impurities	Total ≤ 0.41 ppm
Radioactivity	Non-radioactive (Not radioactive)

Analysis used glow discharge mass spectrometry (GD-MS) per ISO/TS 15338:2009, with key elements calibrated against certified reference materials.



04. Quality Verification

GD-MS Elemental Analysis Summary

99.99999%

Copper Purity

Cu (Remainder), per TU standard

≤0.41 ppm

Total Specified Impurities

Sum of elements specified by standard

69 : 31

Isotopic Composition

$^{63}\text{Cu} \approx 69.2\%$ · $^{65}\text{Cu} \approx 30.8\%$ natural abundance

Non-RI

Non-Radioactive

Not radioactive (ISE-confirmed)

Methodology

- Copper (Cu) is measured as the matrix; purity is 100% minus the sum of specified impurities.
- Bold elements are calibrated against certified references; others use standard RSF (max factor ± 2.5).
- Values below detection limits count conservatively at 50% toward the total, so purity is never overstated.
- 6N is judged against the impurity list in TU 24.44.21-002-75815004-2022; full element data available on request.

Basis: ISE Analytic Certificate No. ISE-A20258366 · GD/MS Analytical Report (2025.06.11)

• **ADVANCED PROCESSES**



04. Quality Verification

QUALITY CONTROL SYSTEM

01 Incoming Inspection

Full proximate analysis (FC·ASH·VM·S) and sizing on receipt. Precise LECO TGA701 testing; only passing lots used.

02 In-Process QC

Systematic sampling at every stage. Output quality monitored for mixers, sorters and dryers.

03 Final Inspection

Test certificate issued per product before shipment. Delivered only after meeting all customer specs.

04 ISO 9001:2015

International QMS certified in 2023. Continuous PDCA cycles to raise quality.

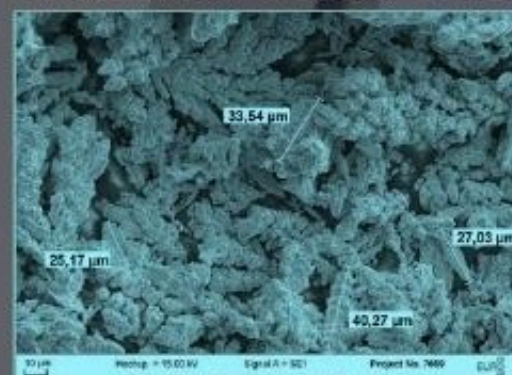




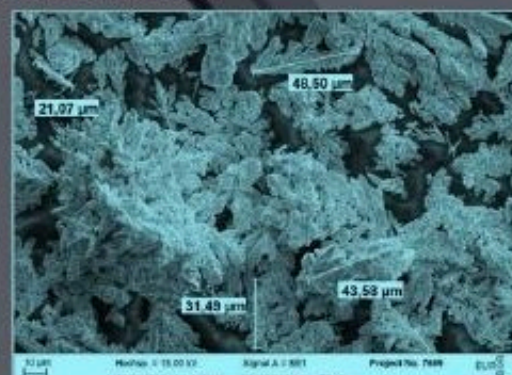
04. Quality Verificatio Scanning Electron Microscopy (SEM) Particle Analysis

Scanning Electron Microscopy (SEM) Particle Analysis

Sample ELM-2025-0110 (5262) · Up to 3,000x magnification A portion of sample ELM-2025-0110(5262) was transferred to a carbon pad and observed at magnifications of up to 3,000x. Spherical particles were measured based on their radius, while elongated particles were measured based on their linear length.



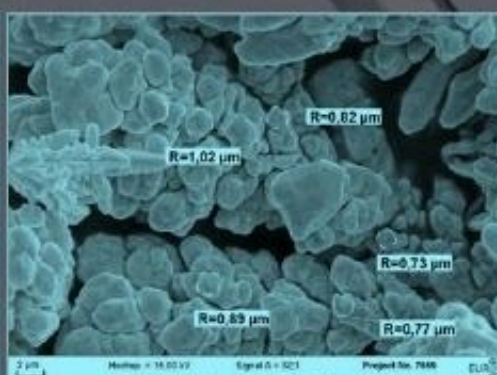
Dendritic structure 25 - 40 μm



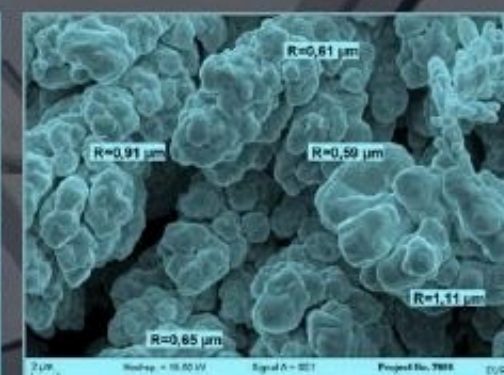
Dendritic structure 17 - 48 μm



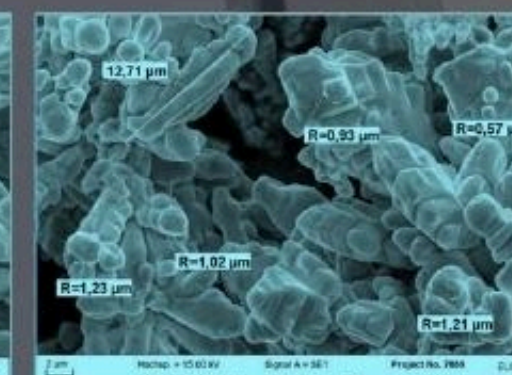
Dendritic structure 16 - 35 μm



Spherical particles 0.7-1.0 μm



Spherical particles 0.6-1.1 μm



Spherical 0.6-1.2 μm · Dendritic 13 μm

Part of sample ELM-2025-0110(5262) was placed on a carbon pad and observed at up to 3,000x. Spherical particles were measured by radius, elongated ones by length.

Area	Dendritic Structure	Spherical Particles
Area 1 (Fig. 1·2)	Approx. 25 - 40 μm	Approx. 0.7 - 1.0 μm
Area 2 (Fig. 3·4)	Approx. 17 - 35 μm	Approx. 0.6 - 1.1 μm
Area 3 (Fig. 5·6)	Approx. 21 - 48 μm (some 13 μm)	Approx. 0.6 - 1.2 μm
Overall	13 - 48 μm · over 50%	0.6 - 1.2 μm · under 50%

Conclusion & Process Implications

A non-uniform structure with wide size distribution, over 50% dendritic. Fine spheres fill voids between large dendrites, aiding packing density and conductive paths in paste and sintering.

Basis: ISE SEM Particle Analysis · Sample ELM-2025-0110 (5262)

SEM PARTICLE ANALYSIS

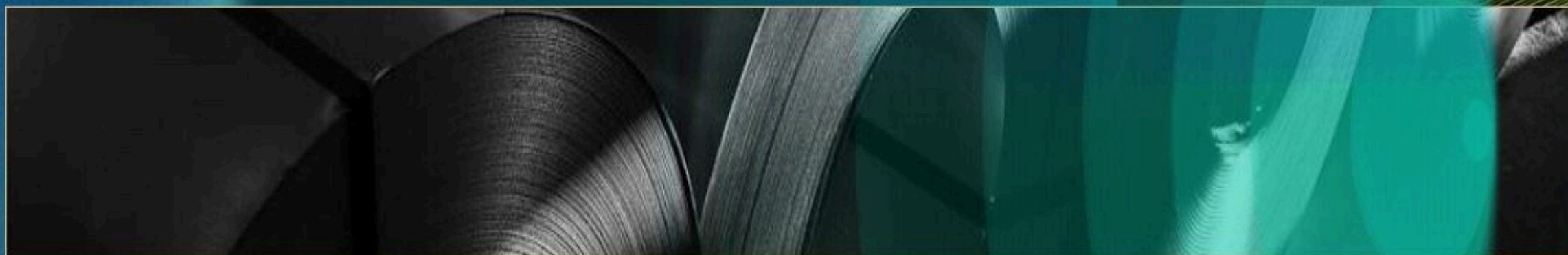




04. Quality Verification

Sealed Storage Against Oxidation

Ultra-high-purity powder begins to oxidize the moment it meets air and moisture. Murua runs a 4-stage storage system to preserve purity from production to delivery.



99.99999%

Copper Purity

Cu (Remainder), per TU standard

≤0.41ppm

Total Specified Impurities

Sum of elements specified by standard

69 : 31

Isotopic Composition

$^{63}\text{Cu} \approx 69.2\%$ · $^{65}\text{Cu} \approx 30.8\%$ natural abundance

Non-Rl

Non-Radioactive

Not radioactive (ISE-confirmed)

International Shipping : Zurich (ZRH) → Incheon (ICN) by air · cargo insured at 110% of invoice · certificate of origin included





COPPER

05. Flagship Product

Ultra-High-Purity Copper Powder

PRETTYWEBZ MEDIA • PRETTYWEBZ MEDIA • PRETTYWEBZ MEDIA • PRETTYWEBZ MEDIA • PRETTYWEBZ MEDIA • PRETTYWEBZ MEDIA • PRETTYWEBZ MEDIA • PRETTYWEBZ MEDIA

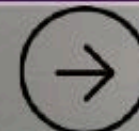
COPPER
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COPPER



MURUA
KOREA

MURUA KOREA CORP. / Murua Group AG · Zug, Switzerland



About Us

Products

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Next-gen semiconductor · display material with superior electrical · thermal conductivity and corrosion resistance

Item	Specification
Purity Grade	6N (99.9999%) - 7N (99.99999%) · supplier spec
Morphology	Dendritic + spherical mix
Particle Size	0.6 - 50 μm (ISE SEM: 13-48 μm $\geq 50\%$)
Isotopic Composition	$^{63}\text{Cu} \approx 69\%$ · $^{65}\text{Cu} \approx 31\%$
Radioactivity	Non-radioactive (ISE verified)
Key Applications	Sputtering targets · conductive paste · 3D printing
Stock on Hand	Approx. 59,000kg (Korea · Switzerland · Hong Kong)
Immediately Available	600kg – Incheon bonded warehouse

1,000 – 2,000kg monthly supply · custom specs available

5. Packaging, Storage, and Quality Assurance **QUALITY ASSURANCE**

Quality assurance from shipment through post-delivery **Purity Copper Powder**

01

Composition

Cu $\geq$ 99.9999% (GD-MS); total key impurities under 1ppm, meeting contractually agreed ppm limits.

02

Method

Tested by GD-MS (glow discharge mass spectrometry) or ICP-MS and certified by accredited labs such as SGS · ISE.

03

Safety

Non-radioactive status verified; Pb and other heavy metals kept within RoHS limits.



04

Shipping Documents

One copy each of the manufacturer's CoA and certificate of origin (C/O) at shipment.

05

Particle Specs

Mean particle size and morphology (spherical · dendritic) set per process for end-user efficiency.

06

Claims

If a quality discrepancy is found within 5 days of delivery, the supplier promptly re-tests and replaces.

Source: Annex 1 Technical Specifications & Quality Assurance





6. Other Strategic Materials & Transaction Cases

Material	Purity · Specs	Stock & Location	Key Applications
High-Purity Tungsten (W)	>99.999% bar · >99.96% strip	233,000kg – Taiwan 200,000kg · Hong Kong 33,000kg	Semiconductors · Defense
Rare Earths · Metal Oxides	99.95 - 99.99%	Neodymium · Dysprosium · Terbium – Hong Kong	Permanent magnets · Motors
Rhodium (Rh)	≥ 99.95%	50kg – Zurich	Catalysts · Coatings
Silver (Ag)	99.99% (LBMA)	1,450kg – Hong Kong (Brink's)	Electronics · Solar
Antimony Ingot (Sb)	> 99.65%	500,000kg – Thailand	Flame retardants · Batteries
Germanium (Ge)	≥ 99.999%	600g – Zurich	Optics · Semiconductors
Nickel Wire (Ni)	≥ 99.93% · Ø 0.025mm	500kg – Zurich	Precision electronic parts

※ All purities and quantities are indicative and reconfirmed at the time of trade. Custom supply to client specs is available via our HQ refining partners.

Strategic materials held in addition to copper powder





About Us

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6. Other Strategic Materials and Transaction Cases

Sales Contract for 200 MT of Antimony Ingots

Item	Key Terms
Contract No.	MK-MA-SPA-SB-2026-001 (2026.09.28)
Seller	Murua Korea Corp.
Buyer	Murua Asia Limited (Hong Kong)
Product	Antimony ingot Sb ≥ 99.65% · Cambodia/Thailand origin
Quantity · Unit Price	200MT · USD 42,000/MT
Total Contract Value	USD 8,400,000
Delivery Terms	CIF designated US port · Incoterms® 2020
Port · Schedule	Sihanoukville, Cambodia · early 2026.10 (planned)
Payment Terms	T/T (MT103) 100% · prior to shipment

Origin · Sanctions

Myanmar-origin and Myanmar-linked cargo fully excluded; KYC · AML · sanctions · export-control screening are contract terms

Inspection · Reference Analysis

SGS · CCIC pre-shipment inspection; reference analysis (SGS MNFTJ2502356-01A) Sb 99.92%

Payment Safeguards

Mandatory account verification via independent channel; full refund within 5 business days if unmet

※ Based on the pre-signing draft; final terms follow the version signed by both parties.



MuruaKorea & Gblabs Energy Group



MuruaKorea System



7. Supply Chain · Compliance · Partnership

From origin to your process

01

Ore · Origin

Chilean · Peruvian copper
Raw Material

02

Smelting · Refining

Partners in Germany ·
Poland · Czechia

03

Powdering · Analysis

ISE GD-MS · SEM
verified

04

Air Freight

Zurich ZRH → Incheon
ICN

05

Bonded Storage

Incheon bonded warehouse intake
· management

06

Customer Delivery

Samples · first orders ·
monthly supply

Neutral · Diversified Sourcing

Raw-material origins and processing sites are separated and diversified so no single country's export controls or disruptions can halt supply.

Lot Traceability

Each lot links to its certificate of origin and analysis report, ready for client supply-chain due diligence and audits.

Credit Enhancement

Samples to target corporate R&D labs and cross-checks by Korean accredited labs formally prove our edge.





7. Supply Chain · Compliance · Partnership

Compliance & Traceability



For strategic minerals, lawful origin and dealings matter as much as quality. Murua conducts every trade under international regulations and internal checks.

EU Critical Raw Materials (CRM)

Meets EU CRM Act requirements for strategic inputs.

NATO Defense Supply Chain

Meets NATO defense supply-chain standards for sensitive materials.

Certified Analysis

ISE reports and GD-MS · SEM data per lot on request.

Origin Traceability

Per-lot origin tracking with origin certificates and trade compliance records.

KYC · AML · Sanctions

Counterparty due diligence, AML, sanctions and export-control screening up front.

Payment Security

Bank details sent by email alone are never used; all are verified via independent channel.

COMPLIANCE





7. Supply Chain · Compliance · Partnership

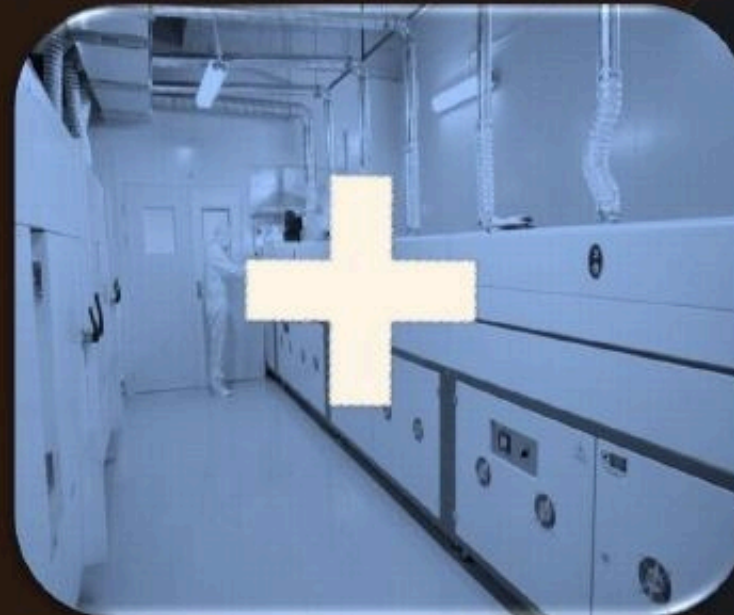
METIS Project Partnership with GB LABS

The METIS Project combines a domestic 6N copper powder supply chain with asset-backed financial structuring to lead AI semiconductor · aerospace · humanoid robotics and other strategic markets – a strategic partnership of both companies.

SUPPLY PARTNER

Murua Korea Corporation

- Swiss ISE-certified 6N copper powder supply
- Full CoA · certificate of origin documentation
- Incheon bonded storage · secure delivery
- Specialized non-ferrous metals expertise



STRATEGIC PARTNER

GB LABS Co., Ltd.

- Leads vendor qualification with major corporates
- Designs asset-backed financial structures
- Leverages listed-company capital markets
- Builds compliance and governance

MURUA KOREA CORP. × GB LABS GROUP





7. Supply Chain · Compliance · Partnership

Phased Growth Roadmap

※ The roadmap reflects METIS Project targets and may change with market conditions and client qualification timelines.

MURUA KOREA CORP. × GB LABS GROUP

2026

Phase 1 · Building Trust

- Partnership agreement signed
- Qualification samples launched
- Full CoA · ISE documentation
- Incheon bonded storage live

2027

Phase 2 · Market Entry

- Corporate R&D vendor qualification passed
- First AI chip packaging material delivery
- Robot actuator material supply
- MOU → large-scale SPA

2028

Phase 3 · Expansion

- Asset-backed financing executed
- Custom paste line launched
- Overseas supply chain expansion
- Reinvestment and product diversification

2030

Vision

- Global 6N materials hub
- Core supplier to humanoid robotics
- Capacity for 1,000MT annual demand
- Lifeblood of the AI · robotics ecosystem

ROADMAP 2026-2030





8. How We Work - Contact

How We Work From samples to regular supply

01

Inquiry · Specs

We confirm application, purity, particle size, morphology, volume and lead time.

02

Documentation

We provide ISE reports, certificates of origin and compliance documents.

03

Samples

Samples ship from stock immediately for cross-checks by client and accredited labs.

04

Contract · First Supply

Specs and warranty terms are fixed, then delivered from the Incheon bonded warehouse.

05

Regular Supply

1,000~2,000kg monthly supply to custom client specs.

Delivery Terms

Standard delivery at Incheon bonded warehouse; on-site delivery after customs negotiable



**Faster composition
analysis**

Payment Terms

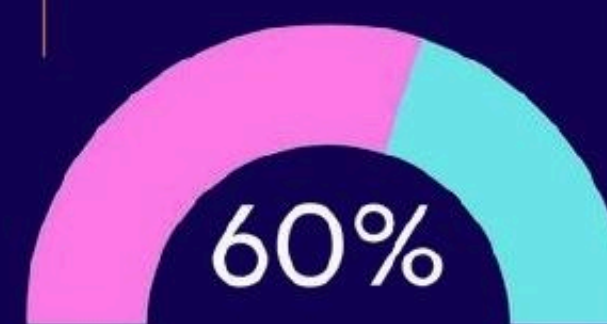
T/T standard, negotiable by deal size · bank details confirmed via independent channel



Higher forecast accuracy

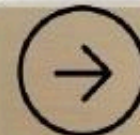
Quality Assurance

Re-test and replacement if mismatch found within 5 days of delivery

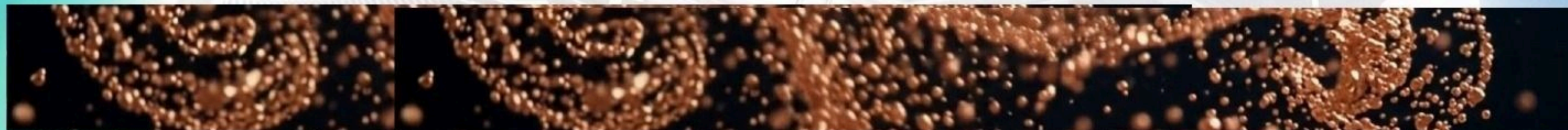


**Automated manual
data work**



[About Us](#)[Products](#)[Quality](#)[Supply](#)[Contact](#)

9-2. How We Work · Contact



PARTNERSHIP · CONTACT

Neutral sourcing, stable supply.

Amid global supply-chain realignment, Murua Group's neutral, diversified sourcing routes reduce single-country dependence and secure your long-term supply stability.

David Zhe Khi Pak

Representative Director (CEO) | Murua Korea Corp.

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For information only; all quant ties · specs · terms are subject to the formal contract. STRICTLY CONFIDENTIAL

Transaction Procedures · Contact Information



MuruaKorea & Gblabs Energy Group



MuruaKorea System



MURUA KOREA · PARTNERSHIP

Thank You

Verified materials, when and as much as you need.

Neutral sourcing and reliable supply — ready for your next process.

PLAN

PROCURE

PROVIDE

contact@murua.kr · murua.kr · 5F, 19 Nonhyeon-ro 119-gil, Gangnam-gu, Seoul

Date: October 2026

SEE YOU NEXT TIME