BARAKNI DIGITAL SOLUTIONS

GENERAL TRADE

PRODUCT DATA SHEET / TECHNICAL SPECIFICATION

Doc. Ref: FT-CU-2026-EN1

Commodity: Electrolytic Copper Cathodes Grade A

Date: 23 November 2026

1. PRODUCT IDENTIFICATION

Commercial designation	Electrolytic copper cathodes Grade A (Non-LME)
Customs Code / Harmonized System (HS)	7403.11.00 (Refined copper: Cathodes and sections of cathodes)
Guaranteed purity	**99.99 % Cu**
Country of origin	Democratic Republic of the Congo (Kolwezi, Lualaba Province)

2. PHYSICAL CHARACTERISTICS

Parameter	Specification	Parameter	Specification
Plate dimensions	~914 mm × 914 mm × 12 mm	**Plate weight**	~105 kg to 125 kg per plate
Surface condition	Clean plates, free from excessive oxidation, slag or structural defects	**Visual appearance**	Natural copper metallic luster

3. CHEMICAL COMPOSITION

Element	Symbol	Value	Element	Symbol	Value
Copper	Cu	**99.99 %**	**Silicon**	Si	0.3 ppm
Cobalt	Co	0.2 ppm	**Bismuth**	Bi	0.1 ppm
Lead	Pb	0.2 ppm	**Tellurium**	Te	< 0.05 ppm
Iron	Fe	2 ppm	**Silver**	Ag	10 ppm
Aluminum	Al	0.5 ppm	**Selenium**	Se	0.3 ppm
Manganese	Mn	< 0.1 ppm	**Sulphur**	S	4 ppm
Nickel	Ni	0.2 ppm	**Magnesium**	Mg	0.4 ppm
Antimony	Sb	0.1 ppm	**Oxygen**	O2	0 ppm
Arsenic	As	< 0.1 ppm	**Phosphorus**	P	0 ppm
Zinc	Zn	0 ppm	**Chromium**	Cr	0 ppm
Tin	Sn	0 ppm	**Cadmium**	Cd	0 ppm
Zirconium	Zr	0 ppm			

4. PACKAGING & LOGISTICS TERMS

Packaging format	Standard strapped export bundles, secured with steel strapping or high-strength polyester straps. No wooden pallets.
Net weight per bundle	~2.0 to 2.5 metric tons (MT) per strapped bundle.
Sea containerization	20-foot sea containers (~24.0 to 26.0 MT net of copper per container).
Logistics corridor	Kolwezi (DRC) → Port of Dar es Salaam (Tanzania) → Antwerp / Rotterdam / Hamburg.
Proposed Incoterms	**FCA Kolwezi, FCA / FOB Dar es Salaam, or CIF Antwerp / Rotterdam / Hamburg.**

5. QUALITY ASSURANCE, TRACEABILITY & LEGAL COMPLIANCE

Independent Quality Inspection: Each lot is sampled, weighed and chemically analyzed at the warehouse/port of shipment by an accredited international body (**SGS, Alex Stewart or CEEC**). An official certificate of quality and quantity is issued for each shipment.

Responsible Sourcing (OECD Due Diligence): BARAKNI DIGITAL SOLUTIONS conducts its activities in accordance with the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas. The export file includes the Certificate of Origin and the CEEC attestation.

6. ISSUING ENTITY & OFFICIAL DETAILS

Company name	**BARAKNI DIGITAL SOLUTIONS**
Business activity	General Trade & Import – Export
Legal identifiers (DRC)	RCCM: KNM/RCCM/24-B-01173 | ID.NAT: 01-F4300-N69822U
Address (DR Congo)	Boulevard du 30 Juin, Nouvelle Galerie Présidentielle, Kinshasa/Gombe — DR Congo
Commercial contact	Email: jeanpaul.elungu@barakni.com | **+32 468 451 028 (WhatsApp) | +243 831 637 055**

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