

CERTIFICATE OF ACCREDITATION

MUTANDA MINING SARL LABORATORY – DEMOCRATIC REPUBLIC OF CONGO

Company Registration No. CD/KZI/RCCM/17-B-612

Facility Accreditation Number: TEST-5 0090

is a SADCAS accredited Testing Laboratory
provided that all SADCAS conditions are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,
Annexure "A", bearing the above accreditation number for

CHEMICAL ANALYSIS

The facility is accredited in accordance with the recognized International Standard

ISO/IEC 17025:2017

*The accreditation demonstrates technical competency for a defined scope and the operation
of a laboratory quality management system*

*SADCAS is a subsidiarity organization of SADC. A memorandum of understanding between SADC and
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States
as a multi-economy accreditation body*

Eve Christine Gadzikwa
SADCAS Chief Executive Officer

Effective Date (Issue No: 1): 04 April 2024
Certificate Expires: 03 April 2029

**ANNEXURE A
SCHEDULE OF ACCREDITATION**

CHEMICAL ANALYSIS

Laboratory Accreditation Number: TEST-5 0090 (ISO/IEC 17025:2017)

<p>Permanent Address of Laboratory Mutanda Mining SARL Laboratory 7 Avenue Lusanga Quartier Biashara Ville de Kolwezi Democratic Republic of Congo</p> <p>Postal Address Same as above</p> <p>Tel : +243 9700 14367 Cell : +243 9700 14367 Email : Patrick.lawu@mumisprl.com</p>		<p>Technical Signatories :</p> <p>Mr C Mato (All methods) Mr Aly Makaya (Al methods) Mr P Kabondo (All methods) Mr D Kassong (MM-LAB-SOP-010, MM-LAB-SOP-031, MM-LAB-SOP-070, MM-LAB-SOP-0310) Mr D Mukuta (MM-LAB-SOP-010, MM-LAB-SOP-031, MM-LAB-SOP-070, MM-LAB-SOP-0310) Mr H Shimba (MM-LAB-SOP-040)</p> <p>Nominated Representative : Mr P Lawu</p> <p>Issue No : 01 Date of Issue : 04 April 2024 Expiry Date : 03 April 2029</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/ PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/ TECHNIQUES USED
Copper Cathode	London Metal Exchange	Using OES Spark - MM-LAB-SOP-040
Cobalt Hydroxide	Cobalt	Using Potentiometer - MM-LAB-SOP-010
	Moisture	Using Oven - MM-LAB-SOP-070
	Cobalt and Manganese	Using AAS - MM-LAB-SOP-031
	Cobalt, Iron, Manganese, Aluminium, Aluminium, Nickel, Zinc, Calcium and Magnesium	Using ICP - MM-LAB-SOP-0310

Original date of accreditation: 04 April 2024

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Pinkie J Malebe
SADCAS Technical Manager