



## TEST REPORT

**SGS INSPECTION SERVICES LTD**  
**Kolwezi Laboratory**

SGS Minerals RDC Laboratory

Quartier Musompo

Phone: +(24399) 410 9777

Fax:

Email: caleb.kamanda@sgs.com

Web: www.sgs.com

### Raj Tore

Director

### MOMCO MINERALS AND METALS LIMITED

8513 Chinika Industrial Area, Lusaka, Zambia

D&B D-U-N-S 815095394

+260 979 236 299 / +260 77 910 7777, Lusaka 260

Zambia

Lab Ref KZT25-00070

Client Ref **MOMCO**

Project MOMCO

Cost Code

Status Final

Received 03/14/2025

Reported 03/21/2025

Samples 2

First Sample Malachite MOMCO

Last Sample Hétérogénite MOMCO

Pages 1 of 4

Notes

Technical Signatory Name: .....

CALEB KAMANDA

Signature: .....

On behalf of: SGS Inspection Services Ltd



The results in the following analytical report pertain to the laboratory for preparation and/or analysis as requested by MOMCO MINERALS AND METALS LIMITED.

The analytical results reported herein refer to the samples as received and are based on a dry basis where applicable

Please refer to Appendix A for our methods

Lab Ref KZT25-00070  
Client Ref **MOMCO**  
Project MOMCO  
Reported 03/21/2025  
Status Final  
Page Page 2 of 4

SGS Minerals RDC Laboratory  
Quartier Musompo  
Phone: +(24399) 410 9777  
Fax:  
Email: caleb.kamanda@sgs.com  
Web: www.sgs.com

### TEST REPORT

Scheme	Cu	Co	Cr	Fe	Mn	Ni	Pb	Zn	Cd
Units	AAS22S	AAS22S	AAS22S	AAS22S	AAS22S	AAS22S	AAS22S	AAS22S	AAS22S
Detection Limit	%	%	%	%	%	%	%	%	%
	0.001	0.002	0.00	0.01	0.01	0.00	0.00	0.00	0.00
Malachite MOMCO	55.140	<0.002	<0.00	0.05	<0.01	<0.00	<0.00	0.00	<0.00
Hétérogénite MOMCO	36.410	0.650	0.05	4.77	<0.01	<0.00	<0.00	0.15	<0.00
Hétérogénite MOMCO	36.400	0.646	0.05	4.75	<0.01	<0.00	<0.00	0.15	<0.00
BLANK	<0.001	<0.002	<0.00	<0.01	<0.01	<0.00	<0.00	<0.00	<0.00
AMIS0370	0.710	0.022	0.05	2.14	<0.01	<0.00	<0.00	<0.00	<0.00



- not analysed / -- element not determined / I.S. insufficient sample / L.N.R. listed not received / U.T.D. Unable To Determine

The analytical results reported herein refer to the samples as received and are based on a dry basis.

Reproduction of this report in full or part thereof is prohibited.

The analytical methods are available on request.

"This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at

[http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

The results reflected in this report relate only to the items/samples tested or analyzed. This report shall not be reproduced, neither in full nor in part, without approval of the Company. Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."



## TEST REPORT

**SGS INSPECTION SERVICES LTD**  
**Kolwezi Laboratory**

Lab Ref KZT25-00070  
Client Ref **MOMCO**  
Project MOMCO  
Reported 03/21/2025  
Status Final  
Page Page 3 of 4

SGS Minerals RDC Laboratory  
Quartier Musompo  
Phone: +(24399) 410 9777  
Fax:  
Email: caleb.kamanda@sgs.com  
Web: www.sgs.com

## TEST REPORT

Scheme	As	Ave %Cu
Units	AAS22S	ELC13G
Detection Limit	%	%
	0.00	0.010
Malachite MOMCO	<0.00	55.480
Hétérogénite MOMCO	<0.00	36.330
Hétérogénite MOMCO	<0.00	
BLANK	<0.00	
AMIS0264		59.240
AMIS0370	<0.00	



- not analysed / -- element not determined / I.S. insufficient sample / L.N.R. listed not received / U.T.D. Unable To Determine

The analytical results reported herein refer to the samples as received and are based on a dry basis.

Reproduction of this report in full or part thereof is prohibited.

The analytical methods are available on request.

"This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. The results reflected in this report relate only to the items/samples tested or analyzed. This report shall not be reproduced, neither in full nor in part, without approval of the Company. Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."



## TEST REPORT

SGS INSPECTION SERVICES LTD

Kolwezi Laboratory

Lab Ref KZT25-00070  
Client Ref **MOMCO**  
Project MOMCO  
Reported 03/21/2025  
Status Final  
Page Page 4 of 4

SGS Minerals RDC Laboratory  
Quartier Musompo  
Phone: +(24399) 410 9777  
Fax:  
Email: caleb.kamanda@sgs.com  
Web: www.sgs.com

### APPENDIX A - METHODS

**Below is a detailed summary of the schemes, as indicated on the reports, that reflects all methods**

#### **SAMPLE PREPARATION**

PRP85 - Dry, fine pulverise using bowl and puck equipment to a nominal 75µm (<1.2kg)  
PRP90 - Dry <3kg, crush to 90% passing 2.36mm, split to 1kg and pulverise to 85% passing 75µm  
SCR32 - Screen soils or soil sediments to another mesh size, <2kg  
PKP01 - Sample collection / pickup

#### **BULK DENSITY**

PHY04V - Density, Bulk Sample, Immersion

#### **ANALYTICAL (MULTI -ACID 3 or 4 DIGESTIONS)**

AAS42S - AAS finish after Acid Digest (DIG42S) 0.4g sample (AAS42S Cu & Co - accredited)  
AAS41Q - AAS finish after Acid Digest (DIG41Q) 0.2g sample  
AAS42D - AAS finish after Acid Digest (DIG42D) 1g sample (AAS42D Cu & Co - accredited)

#### **ANALYTICAL (ACID SOLUBLES)**

AAS72C - AAS finish after 5% Sulphuric acid Leach, (DIG72C) 0.5g sample  
AAS73D2 - AAS finish after 5% Sulphuric acid Leach, (DIG73D2) 1g sample

#### **ELECTROGRAVIMETRIC**

ELC13G - Electrolysis Cu in concentrates and malachites after DIG13G, 0.5g sample  
ELC14G - Electrolysis Cu in blisters and metals after DIG14G, 2g sample

#### **SHORT IODIDE**

CON13V - Copper by Short iodide Titration, 0.5g sample.

#### **AQUA REGIA**

ARE145 - AAS finish Gold (ppb), after Acid digest and organic extraction.  
ARE155 - AAS finish Gold (ppm), after Acid digest and organic extraction.

- not analysed / -- element not determined / I.S. insufficient sample / L.N.R. listed not received / U.T.D. Unable To Determine

The analytical results reported herein refer to the samples as received and are based on a dry basis.

Reproduction of this report in full or part thereof is prohibited.

The analytical methods are available on request.

"This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. The results reflected in this report relate only to the items/samples tested or analyzed. This report shall not be reproduced, neither in full nor in part, without approval of the Company. Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."