

# CERTIFICATE OF ACCREDITATION

## **KENMARE MOMA PROCESSING (MAURITIUS) LIMITED**

*Company Registration No. KMML No. 100018101 – KMPL No. 100018089*

**Facility Accreditation Number: TEST-5 0046**

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*

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**Mrs Maureen P Mutasa**  
**SADCAS Chief Executive Officer**

**Effective Date (Issue No: 1): 20 February 2020**  
**Certificate Expires: 19 February 2025**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

#### CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0046 (ISO/IEC 17025:2017)**

<p><b>Permanent Address of Laboratory</b> Kenmare Moma Processing (Mauritius) LTD Larde, Nampula Province Mozambique</p> <p><b>Postal Address</b> Kenmare Moma Processing (Mauritius) LTD Avenida Marginal 4985 Edificio Zen, 4<sup>th</sup> Floor Maputo, Mozambique</p> <p><b>Tel</b> : +258 267 25003 Ext 203 <b>Cell</b> : +258 84 699 8607 <b>Email</b> : <a href="mailto:nmachai@kenmaremoz.com">nmachai@kenmaremoz.com</a></p>		<p><b>Technical Signatories</b> : Mr N B Machai (All methods) Mr M R Guambe (All methods) Mr C V Zucula (All methods)</p> <p><b>Nominated Representative</b> : Mr N B Machai</p> <p><b>Issue No</b> : 02 <b>Date of Issue</b> : 04 June 2021 <b>Expiry Date</b> : 19 February 2025</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
ILMENITE POWDER	% TiO <sub>2</sub> % SiO <sub>2</sub> % Al <sub>2</sub> O <sub>3</sub> % Cr <sub>2</sub> O <sub>3</sub> % P <sub>2</sub> O <sub>5</sub> % ZrO <sub>2</sub> U ppm Th ppm % V <sub>2</sub> O <sub>5</sub> % MgO % CaO % MnO % CeO <sub>2</sub> % Fe <sub>2</sub> O <sub>3</sub>	SOP-TP-LAB-019 by X-ray Fluorescence, Ilmenite powder pellet preparation method as per AS 4392.1-1996
RUTILE	% TiO <sub>2</sub> % Fe <sub>2</sub> O <sub>3</sub> % SiO <sub>2</sub> % Al <sub>2</sub> O <sub>3</sub> % CaO % P <sub>2</sub> O <sub>5</sub> % ZrO <sub>2</sub> U ppm Th ppm % V <sub>2</sub> O <sub>5</sub>	SOP-TP-LAB-018 by X-ray Fluorescence, Rutile powder pellet preparation method as per AS 4392.1-1996

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MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/ PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/ TECHNIQUES USED
ZIRCON	% TiO <sub>2</sub> % Fe <sub>2</sub> O <sub>3</sub> % SiO <sub>2</sub> % Al <sub>2</sub> O <sub>3</sub> % P <sub>2</sub> O <sub>5</sub> % CaO % ZrO <sub>2</sub> U ppm Th ppm % HfO <sub>2</sub>	SOP-TP-LAB-017 by X-ray Fluorescence, Zircon powder pellet preparation method as per AS 4392.1-1996
SPECIAL ZIRCON	% TiO <sub>2</sub> % Fe <sub>2</sub> O <sub>3</sub> % SiO <sub>2</sub> % Al <sub>2</sub> O <sub>3</sub> % P <sub>2</sub> O <sub>5</sub> % CaO % ZrO <sub>2</sub> U ppm Th ppm % HfO <sub>2</sub>	SOP-TP-LAB-029 by X-Ray Fluorescence in Zircon by Powder Pellet Preparation Method as per AS 4392.2-1997
HIGH AL ZIRCON	% TiO <sub>2</sub> % Fe <sub>2</sub> O <sub>3</sub> % SiO <sub>2</sub> % Al <sub>2</sub> O <sub>3</sub> % P <sub>2</sub> O <sub>5</sub> % CaO % ZrO <sub>2</sub> U ppm Th ppm % HfO <sub>2</sub>	SOP-TP-LAB-030 by X-Ray Fluorescence in Zircon by Powder Pellet Preparation Method as per AS 4392.2-1997

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MAGS FUSION	% TiO <sub>2</sub> % Fe <sub>2</sub> O <sub>3</sub> % SiO <sub>2</sub> % Al <sub>2</sub> O <sub>3</sub> %CaO % V <sub>2</sub> O <sub>5</sub> % P <sub>2</sub> O <sub>5</sub> % CeO <sub>2</sub> %MgO %MnO U ppm Th ppm %Cr <sub>2</sub> O <sub>3</sub> %ZrO <sub>2</sub>	SOP-TP-LAB-044 BY MAGS Fusion Matrix XRF

Original date of accreditation: 20 February 2020

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**Pinkie J Malebe**  
SADCAS Technical Manager