

# CERTIFICATE OF ACCREDITATION

## TRACE ELEMENTS ANALYSIS LABORATORIES (PTY) LTD, NAMIBIA

*Company Registration No.: CC/2022/1433*

**Facility Accreditation Number: TEST-5 0060**

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): 31 March 2021**

**Certificate Expires: 30 March 2026**

**ANNEXURE A**  
**SCHEDULE OF ACCREDITATION**  
**CHEMICAL ANALYSIS**

**Laboratory Accreditation Number: TEST-5 0060 (ISO/IEC 17025:2017)**

<b><u>Permanent Address of Laboratory</u></b> Trace Elements Analysis Laboratories (PTY) LTD Namibia Unit 6 Swakopmund Medical Centre Cottage Avenue Swakopmund Namibia  <b><u>Postal Address</u></b> P O Box 973 Swakopmund Namibia  <b><u>Tel</u></b> : +264 64 405 774 <b><u>Cell</u></b> : +264 81 229 0442 <b><u>Email</u></b> : <a href="mailto:info@tea-labs.com">info@tea-labs.com</a>		<b><u>Technical Signatories</u></b> : Mr K N Mwashuma (TLMet-001)          <b><u>Nominated Representative</u></b> : Mr K N Mwashuma          <b><u>Issue No</u></b> : 01 <b><u>Date of Issue</u></b> : 31 March 2021 <b><u>Expiry Date</u></b> : 30 March 2026
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Urine	Uranium	TLMet - 001 using Kinetic Phosphorescence Analyser

Original date of accreditation: 30 March 2021

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**Pinkie J Malebe**  
**SADCAS Technical Manager**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

### CHEMICAL ANALYSIS

**Laboratory Accreditation Number: TEST-5 0060 (ISO/IEC 17025:2017)**

<b>Permanent Address of Laboratory</b> TEA Metallurgical Laboratory (PTY) LTD Unit 1A, Quiver Tree Complex Patrick Lughanda Street Swakopmund Namibia  <b>Postal Address</b> P O Box 973 Swakopmund Namibia  <b>Tel</b> : +264 64 405 774 <b>Cell</b> : +264 81 229 0442 <b>Email</b> : <a href="mailto:info@tea-labs.com">info@tea-labs.com</a>			<b>Technical Signatories:</b> Ms H S Shafombabi (TL-M-018, TL-M-022, TL-M-031 & TL-M-044) Ms N Namene (TL-M-005, TL-M-006, TL-M-018 & TL-M-031) Mr Simson Sakaria (TL-M-006) Mr D K Chidaushe (All Methods)  <b>Nominated Representative</b> : Mr K N Mwashuma  <b>Issue No</b> : 01 <b>Date of Issue</b> : 21 April 2025 <b>Expiry Date</b> : 30 March 2026		
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT		STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED		
Liquids/ Solutions, Potable Water, Effluent Water, Groundwater, Surface Water, Seawater, Run off Discharge	Nitrate pH Chloride Total Dissolved Solids		TL-M-044 by UV/VIS TL-M-022 by pH Meter TL-M-018 by Titration TL-M-031 by Gravimetry		
Digested Rock, Soil, Ores, Concentrates	Vanadium, Arsenic & Uranium		TL-M-007 by ICP-MS		
Liquids/ Solutions, Potable Water, Effluent Water, Groundwater, Surface Water, Seawater, Run off Discharge	Arsenic, Copper, Iron, Manganese, Uranium, Gold, Magnesium, Sulphur, Sodium & Calcium		TL-M-005 by ICP-OES		
Pulverized samples (Ores, Soil, Rock, Concentrates)	Uranium, Copper, Iron, Manganese, Sulphur		TL-M-006 by XRF		

Original date of accreditation: 30 March 2021

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Pinkie J Malebe  
SADCAS Technical Manager