

CERTIFICATE OF ACCREDITATION

BOTSWANA INSTITUTE FOR TECHNOLOGY RESEARCH AND INNOVATION CENTRE OF MATERIAL SCIENCE LABORATORY

Company Registration No.CO 2012/8667

Facility Accreditation Number: TEST-5 0082

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): 30 June 2023
Certificate Expires: 29 June 2028

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0082 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Botswana Institute for Technology Research and Innovation Centre of Material Science Building Materials Science Laboratory Maranyane House, Plot 50654 Machel Drive Gaborone Botswana</p> <p><u>Postal Address</u> Private Bag 0082 Gaborone Botswana</p> <p><u>Tel</u> : +267 360 7500 <u>Cell</u> : +267 7214 4656 <u>Email</u> : LMmualefe@bitri.co.bw</p>		<p><u>Technical Signatories</u> : Mr A Obusitse (All methods) Ms K Mothibedi (All methods)</p> <p><u>Nominated Representative</u> : Ms L Mmualefe</p> <p><u>Issue No</u> : 01 <u>Date of Issue</u> : 30 June 2023 <u>Expiry Date</u> : 29 June 2028</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
<p><u>Water</u> Potable Water</p>	<p>Determination of:</p> <ul style="list-style-type: none"> - Chromium - Manganese - Cobalt - Copper - Zinc - Arsenic - Cadmium - Barium - Lead - Selenium 	<p>SOP 002 by ICP - MS</p>

Original date of accreditation: 30 June 2023

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Pinkie J Malebe
SADCAS Technical Manager