

CERTIFICATE OF ACCREDITATION

GABORONE LABORATORY SERVICES CC

Company Registration No. UIN BW00000775306

Facility Accreditation Number: TEST-5 0064

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*

Mrs Pinkie J Malebe
For Chief Executive Officer

Date of Renewal of Accreditation: 16 March 2023
Effective Date (Issue No: 1): 16 March 2023
Certificate Expires: 15 March 2028

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0064 (ISO/IEC 17025:2017)**

<p>Permanent Address of Laboratory Gaborone Laboratory Services CC Plot 61128 – 61130, Unit C3 Block 8 Industrial Gaborone Botswana</p> <p>Postal Address P O Box 404333 Gaborone Botswana</p> <p>Tel : +267 392 3135 Cell : +267 73 614 223 Email : royal@gl.s.co.bw</p>		<p>Technical Signatories: : Mr R Bimhah (All methods) Mr K B Theetso (All Methods)</p> <p>Nominated Representative : Mr R Bimhah</p> <p>Issue No : 02 Date of Issue : 22 February 2024 Expiry Date : 15 March 2028</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
<p>Water: Drinking, Borehole and Waste Water</p>	<p>pH</p> <p>Electrical conductivity</p> <p>Total Dissolved Solids</p> <p>Turbidity</p> <p>Ammonia as N, Nitrate as NO₃, Nitrite as NO₂, Chloride (Cl), Orthophosphate as P, Sulphate (SO₄), Fluoride (F), Total Alkalinity, Total Hardness, Calcium (Ca), Iron (Fe), Magnesium (Mg), Manganese (Mn), Aluminium (Al), Zinc (Zn)</p> <p>Sodium (Na), Potassium (K), Calcium (Ca)</p>	<p>Method TM/CH/02 – ISO 10523: 2008</p> <p>Method TM/CH/03 – ISO 7888: 1985</p> <p>Method TM/CH/06 – SANS 5213: 2013</p> <p>Method TM/CH/05 – BOS 39: 2001</p> <p>Method TM/CH/12 – ISO 15923-1: 2013 & ISO/ TS 15923-2: 2017</p> <p>Method TM/CH/13 – ISO 9964-3: 1993</p>

Original date of accreditation: 29 October 2021

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Pinkie J Malebe
SADCAS Technical Manager