

CERTIFICATE OF ACCREDITATION

BUKOBA WATER QUALITY LABORATORY, TANZANIA

Presidential Notice of assignment of Ministerial Responsibility, Government Notice 494, cap 299 of the Ministers Act Section 5 (1) of 2010

Facility Accreditation Number: TEST-5 0057

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 Maureen P Mutasa
SADCAS Chief Executive Officer

Effective Date (Issue No: 1): 29 March 2021
Certificate Expires: 28 March 2026

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0057 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Ministry of Water Bukoba Water Quality Laboratory Kashai Street, Kitkere Road Buwasa Yard Tanzania</p> <p><u>Postal Address</u> P O Box 81 Bukoba, Kagera Tanzania</p> <p><u>Tel</u> : +255 2822 20544 <u>Cell</u> : +255 76 797 4097 <u>Email</u> : bkblab@maji.go.tz sanya.ramadhani@maji.go.tz</p>		<p><u>Technical Signatories</u> : Mr S M Ramadhani (pH & Electrical Conductivity) Mr J P Lupondeja (Total Hardness and chloride) Mr D M Makamba (Calcium)</p> <p><u>Nominated Representative</u> : Mr S M Ramadhani</p> <p><u>Issue No</u> : 01 <u>Date of Issue</u> : 29 March 2021 <u>Expiry Date</u> : 28 March 2026</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Water	<p>Determination of pH</p> <p>Determination of Electrical Conductivity</p> <p>Determination of Total Hardness as CaCO₃</p> <p>Determination of Calcium Hardness as CaCO₃ and Calcium as Ca²⁺ (Calcium ions)</p> <p>Determination of Chloride</p>	<p>APHA 23rd Edition, 2017 - 4500 H⁺ B BKWQL-WI 7.2.017</p> <p>APHA 23rd Edition, 2017 -2510 BKWQL-WI 7.2.009</p> <p>APHA 23rd Edition, 2017 - 2340 C BKWQL-WI 7.2.011</p> <p>APHA 23rd Edition, 2017 – 3500 Ca B BKWQL-WI 7.2.004</p> <p>APHA 23rd Edition, 2017 - 4500 Cl- B BKWQL-WI 7.2.005</p>

Original date of accreditation: 29 March 2021

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Pinkie J Malebe
SADCAS Technical Manager