

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, Katekere 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 7580 54029 <u>Email</u> : bkblab@maji.go.tz issawema.sonoko@maji.go.tz</p>			<p><u>Technical Signatories:</u> Mr I E Sonoko (All methods except Calcium Hardness) Mr D M Makamba (Calcium Hardness)</p> <p><u>Nominated Representative</u> : Mr I E Sonoko</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 26 May 2025 <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	Determination of pH	APHA 24 th Edition, 2023 - 4500 H ⁺ B BKWQL-WI 7.2.017			
	Determination of Electrical Conductivity	APHA 24 th Edition, 2023 -2510 BKWQL-WI 7.2.009			
	Determination of Total Hardness as CaCO ₃	APHA 24 th Edition, 2023 - 2340 C BKWQL-WI 7.2.011			
	Determination of Calcium Hardness as CaCO ₃ and Calcium as Ca ²⁺ (Calcium ions)	APHA 24 th Edition, 2023 – 3500 Ca B BKWQL-WI 7.2.004			

Original date of accreditation: 29 March 2021

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Pinkie J Malebe
SADCAS Technical Manager