

CERTIFICATE OF ACCREDITATION

KIGOMA ZONAL WATER QUALITY LABORATORY, TANZANIA

Presidential Notice of assignment of Ministerial Responsibility, Government Notice 144, cap 299 of the Ministers Act Section 5 (1) of 2016

Facility Accreditation Number: TEST-5 0054

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): 26 March 2021
Certificate Expires: 25 March 2026

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0054 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Ministry of Water Kigoma Zonal Water Quality Laboratory Mnarani, Opposite NSSF Building Kigoma, Tanzania</p> <p><u>Postal Address</u> P O Box 105 Kigoma, Tanzania</p> <p><u>Tel</u> : +255 282 804 901 <u>Cell</u> : +255 71 226 6350 <u>Email</u> : hashim.kabelwa@maji.go.tz kgmlab@maji.go.tz</p>		<p><u>Technical Signatories</u> Mr H S Kabelwa (pH) Mr H Semka (Sulphate & Iron) Mr M Bakari (Total Hardness & Calcium) Ms J Rweyemamu (Conductivity, Chloride & Fluoride) Mr T V Gosbert (Sulphate, Iron) M R S Bigrwa (pH, Calcium & Total Hardness)</p> <p><u>Nominated Representative</u> : Mr H S Kabelwa</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 27 June 2023 <u>Expiry Date</u> : 25 March 2026</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Water	Determination of pH	APHA 23 rd Edition 2017 – 4500 H ⁺ B KZWQL – QME – 6.002
	Determination of Electrical Conductivity	APHA 23 rd Edition 2017 – 2510 KZWQL – QME – 6.003
	Determination of Total Hardness as CaCO ₃	APHA 23 rd Edition 2017 – 2340 KZWQL – QME – 6.010
	Determination of Calcium as CaCO ₃	APHA 23 rd Edition 2017 – 3500 – Ca KZWQL – QME – 6.009
	Determination of Fluoride	HACH Method 8029 KZWQL – QME – 6.004
	Determination of Sulphate	APHA 23 rd Edition 2017 – 4500 SO ₄ ²⁻ KZWQL – QME – 6.017
	Determination of Iron	APHA 23 rd Edition 2017 – 3500 Fe KZWQL – QME – 6.001

Original date of accreditation: 26 March 2021

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Pinkie J Malebe
SADCAS Technical Manager