

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> : +255 687 609 998 <u>Email</u> : kgmlab@maji.go.tz</p>		<p><u>Technical Signatories</u> :</p> <p>Mr M B Kitoboli (Total Hardness & Calcium) Mr R S Bigirwa (pH, Calcium & Total Hardness) Ms J Rweyemamu (Conductivity & Fluoride) Mr T V Gosbert (Sulphate & Iron)</p> <p><u>Nominated Representative</u> : Mr M B Kitoboli</p> <p><u>Issue No</u> : 03 <u>Date of Issue</u> : 12 April 2024 <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	<p>Determination of pH</p> <p>Determination of Electrical Conductivity</p> <p>Determination of Total Hardness as CaCO₃</p> <p>Determination of Calcium as CaCO₃</p> <p>Determination of Fluoride</p> <p>Determination of Sulphate</p> <p>Determination of Iron</p>	<p>APHA 23rd Edition 2017 – 4500 H⁺ B KZWQ – QME – 6.002</p> <p>APHA 23rd Edition 2017 – 2510 KZWQL – QME – 6.003</p> <p>APHA 23rd Edition 2017 – 2340 C KZWQL – QME – 6.010</p> <p>APHA 23rd Edition 2017 – 3500 – Ca KZWQL – QME – 6.009</p> <p>HACH Method 8029 KZWQL – QME – 6.004</p> <p>APHA 23rd Edition 2017 – 4500 SO₄ KZWQL – QME – 6.017</p> <p>APHA 23rd Edition 2017 – 3500 Fe KZWQL – QME – 6.001</p>

Original date of accreditation: 26 March 2021

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Pinkie J Malebe
SADCAS Technical Manager