

CERTIFICATE OF ACCREDITATION

SHINYANGA 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 0056

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 0056 (ISO/IEC 17025:2017)**

<p>Permanent Address of Laboratory Shinyanga Water Quality Laboratory Ushirika, Mwanza Road Shinyanga Tanzania</p> <p>Postal Address P O Box 147 Shinyanga Tanzania</p> <p>Tel : +255 282 763 043 Cell : +255 75 234 4195 Email : michael.kayanda@maji.go.tz shylab@maji.go.tz</p>		<p>Technical Signatories :</p> <p>Mr I A Kilongozi (Calcium as CaCO₃) Ms M S Makingo (pH) Mr M K Masanza (Chloride, Total Hardness as CaCO₃ & Orthophosphate)</p> <p>Nominated Representative : Mr M D Kayanda</p> <p>Issue No : 02 Date of Issue : 27 May 2023 Expiry Date : 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 Total Hardness as CaCO₃</p> <p>Determination of Calcium as CaCO₃</p> <p>Determination of Chloride</p> <p>Determination of Orthophosphate</p>	<p>APHA 23rd Edition 2017 – 4500 H⁺ B SWQL – WI 6.02</p> <p>APHA 23rd Edition 2017 – 2340 C SWQL – WI 6.010</p> <p>APHA 23rd Edition 2017 – 3500 Ca B SWQL – WI 6.009</p> <p>APHA 23rd Edition 2017 – 4500 Cl B SWQL – WI 6.012</p> <p>APHA 23rd Edition 2017 – 4500 P E SWQL – WI 6.014</p>

Original date of accreditation: 29 March 2021

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Pinkie J Malebe
SADCAS Technical Manager