

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*

Eve Christine Gadzikwa
SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 25 March 2026
Effective Date (Issue No: 1): 29 March 2026
Certificate Expires: 28 March 2031

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0056 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Shinyanga Water Quality Laboratory Ushirika, Mwanza Road Shinyanga Tanzania</p> <p><u>Postal Address</u> P O Box 147 Shinyanga Tanzania</p> <p><u>Tel</u> : +255 282 763 043 <u>Cell</u> : +255 752 344 195 <u>Email</u> : michael.kayanda@maji.go.tz shylab@maji.go.tz</p>		<p><u>Technical Signatories</u> : Ms M S Makingo (pH) Mr I A Kilongozi (All methods) Mr A J Hamsi (Nitrate)</p> <p><u>Nominated Representative</u> : Mr M D Kayanda</p> <p><u>Issue No</u> : 01 <u>Date of Issue</u> : 29 March 2026 <u>Expiry Date</u> : 28 March 2031</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>Determination of Nitrate (NO₃)</p>	<p>SWQL – WI 6.002 By potentiometry</p> <p>SWQL – WI 6.010 by EDTA method</p> <p>SWQL – WI 6.009 by EDTA method</p> <p>SWQL – WI 6.012 by Argentometric method</p> <p>SWQL – WI 6.014 by Ascorbic Acid method</p> <p>SWQL – WI 6.013 by Sodium Salicylate method</p>

Original date of accreditation: 29 March 2021

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Pinkie J Malebe
SADCAS Technical Manager