

CERTIFICATE OF ACCREDITATION

SINGIDA WATER QUALITY LABORATORY, TANZANIA

Presidential Notice of Assignment of Ministerial Responsibilities (Instrument), Government Notice No. 144 of 22nd April, 2016 and Its Amendment of 7th October, 2017

Facility Accreditation Number: TEST-5 0052

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: 23 March 2026
Effective Date (Issue No: 1): 25 March 2026
Certificate Expires: 24 March 2031

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0052 (ISO/IEC 17025:2017)**

<p>Permanent Address of Laboratory Singida Water Quality Laboratory Utemini Street Singida Tanzania</p> <p>Postal Address P O Box 1673 Singida Tanzania</p> <p>Tel : +255 262 502235 Cell : +255 695179227 Email : Angelile.mwakamela@maji.go.tz sgdlab@maji.go.tz</p>		<p>Technical Signatories:</p> <p>Mr R E Chao (All methods) Ms D L Baijaborobi (All methods) Mr N H Stima (All methods) Ms A P Jeremiah (All method) Mr A B Mwakamela (All method)</p> <p>Nominated Representative: Mr A Mwakamela</p> <p>Issue No : 01 Date of Issue : 25 March 2026 Expiry Date : 24 March 2031</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Water (Raw, Potable and Wastewater)	Determination of pH at 25°C in Water	SGWQL/MD 004 by Potentiometric Method
	Determination of Total Hardness	SGWQL/MD 001 by EDTA Titrimetric Method
	Determination of Chloride	SGWQL/MD 024 by Argentometric Method
	Determination of Fluoride	SGWQL/MD 033 by ISE Method
	Determination of Electrical Conductivity	SGWQL/MD 015 by Potentiometric Method
	Determination of Calcium	SGWQL/MD 003 by EDTA Titrimetric Method

ANNEXURE A

Laboratory Accreditation No: TEST-5 0052 (ISO/IEC 17025:2017)

Issue No: 01

Date of Issue: 25 March 2026

Date of Expiry: 24 March 2031

MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Water (Raw, Potable and Wastewater)	Determination of Alkalinity Determination of Total Iron Determination of Nitrate Determination of Orthophosphate Determination of Sulphate Determination of Turbidity	SGWQL/ MD 006 by Titrimetric Method SGWQL/ MD 023 by Phenanthroline Method SGWQL/ MD 009 by Salicylate Method SGWQL/ MD 020 by Ascorbic Acid SGWQL/ MD 011 by Turbidimetric Method SGWQL/MD 014 by Nephelometric Method

Original date of accreditation: 25 March 2021

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Pinkie J Malebe
SADCAS Technical Manager