

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*

Mrs Maureen P Mutasa
SADCAS Chief Executive Officer

Effective Date (Issue No: 1): 25 March 2021
Certificate Expires: 24 March 2026

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 76 917 8218 Email : mwandu.ntabayenge@maji.go.tz sgdlab@maji.go.tz</p>		<p>Technical Signatories: Mr M O Ntabayenge (All methods) Mr R E Chao (All methods) Ms D L Baijaborobi (All methods) Mr N H Stima (All methods) Mr A Dauda (All method) Ms A P Jeremiah (All method) Mr A B Mwakamela (All method)</p> <p>Nominated Representative: Mr M O Ntabayenge</p> <p>Issue No : 03 Date of Issue : 13 February 2024 Expiry Date : 24 March 2026</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 by Potentiometric Method	SGWQL/MD 004
	Determination of Total Hardness by EDTA Titrimetric Method	SGWQL/MD 001
	Determination of Chloride by Argentometric Method	SGWQL/MD 024
	Determination of Fluoride by ISE Method	SGWQL/MD 033
	Determination of Electrical Conductivity by Potentiometric Method	SGWQL/MD 015
	Determination of Calcium by EDTA Titrimetric Method	SGWQL/MD 003

ANNEXURE A

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

Issue No: 03

Date of Issue: 13 February 2024

Date of Expiry: 24 March 2026

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

Original date of accreditation: 25 March 2021

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Pinkie J Malebe
SADCAS Technical Manager