

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><u>Permanent Address of Laboratory</u> Singida Water Quality Laboratory Utemini Street Singida Tanzania</p> <p><u>Postal Address</u> P O Box 1673 Singida Tanzania</p> <p><u>Tel</u> : +255 262 502235 <u>Cell</u> : +255 76 917 8218 <u>Email</u> : mwandu.ntabayenge@maji.go.tz sgdlab@maji.go.tz</p> | | <p><u>Technical Signatories:</u> Mr R E Chao (All methods, except Turbidity) Ms D L Baijaborobi (All methods, except Turbidity) Mr N H Stima (All methods, except Turbidity) Mr A Dauda (All methods) Ms A P Jeremiah (All methods, except Turbidity) Mr A B Mwakamela (All methods)</p> <p><u>Nominated Representative:</u> : Mr A Dauda</p> <p><u>Issue No</u> : 04 <u>Date of Issue</u> : 01 February 2025 <u>Expiry Date</u> : 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 | 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: 04

Date of Issue: 01 February 2025

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 Determination of 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