

CERTIFICATE OF ACCREDITATION

CENTRAL 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 0053

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 subsidiary 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): 26 March 2021
Certificate Expires: 25 March 2026

ANNEXURE A

SCHEDULE OF ACCREDITATION

CHEMICAL ANALYSIS

Laboratory Accreditation Number: **TEST-5 0053 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Central Water Quality Laboratory Maji Ubungo Morogo Road, Opposite Tanesco Building Dar es Salaam Tanzania</p> <p><u>Postal Address</u> P O Box 9153 Dar es Salam Tanzania</p> <p><u>Tel</u> : +255 712 266 350 <u>Cell</u> : +255 712 266 350 <u>Email</u> : hashim.kabelwa@maji.go.tz cwlab@maji.go.tz</p>			<p><u>Technical Signatories</u> Mr H I Barhe (Iron, Sulphate, Potassium, Cu & Pb) Ms T A Kasalile (Electrical Conductivity & pH) Ms M M Millen (Iron, Sulphate & Potassium) Mr G Kahwa (Potassium) Mr R Z Ramadhan (All methods except Potassium, Sulphate & Iron)</p> <p><u>Nominated Representative</u> : Mr H S Kabelwa</p> <p><u>Issue No</u> : 04 <u>Date of Issue</u> : 29 April 2025 <u>Expiry Date</u> : 25 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 Electrical Conductivity</p> <p>Determination of Total Dissolved Solids</p> <p>Determination of Potassium</p> <p>Determination of Chloride</p> <p>Determination of Sulphate</p> <p>Determination of Total Iron</p> <p>Determination of Cu and Pb</p>	<p>APHA 23rd Edition 2017 – 4500 H⁺ B By pH meter</p> <p>APHA 23rd Edition 2017 – 2510 By conductivity meter</p> <p>APHA 23rd Edition 2017 – 2540 C By Gravimetry</p> <p>APHA 23rd Edition 2017 – 3500 K B By Flame photometer</p> <p>APHA 23rd Edition 2017 – 4500 Cl B By Titration</p> <p>APHA 23rd Edition 2017 – 4500 SO₄E By UV/ Vis spectrophotometer</p> <p>APHA 23rd Edition 2017 – 3500 Fe B</p> <p>APHA 23rd Edition 2017 – 3125 Metals by ICP</p>			

Original date of accreditation: 26 March 2021

Page 1 of 1

Pinkie J Malebe
SADCAS Technical Manager