

CERTIFICATE OF ACCREDITATION

TANZANIA BUREAU OF STANDARDS – WATER TESTING LABORATORY

Established by Standard Act No. 3 of 1975

Facility Accreditation Number: TEST-5 0015

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

Date of renewal of Accreditation: 30 May 2021
Effective Date (Issue No:1): 30 May 2021
Certificate Expires: 29 May 2026

ANNEXURE A
SCHEDULE OF ACCREDITATION
CHEMICAL ANALYSIS

Laboratory Accreditation Number: TEST-5 0015 (ISO/IEC 17025:2017)

<p>Permanent Address of Laboratory Tanzania Bureau of Standards Water Testing Laboratory Junction of Morogoro/Sam Nujoma Roads Ubungo, Dar es Salaam Tanzania</p> <p>Postal Address: P O Box 9524 Dar es Salaam Tanzania</p> <p>Tel : +255 22 245 0298 Cell : +255 76 683 6653 Fax : +255 22 245 0959 Email : joseph.makene@tbs.go.tz</p>		<p>Technical Signatories : Ms C Bulemo (All methods) Mr P I Luvanda (All methods) Mr P J Kazungu (All methods) Mr B C Mwasegile (All methods)</p> <p>Nominated Representative : Mr J Makene</p> <p>Issue No : 02 Date of Issue : 29 May 2023 Expiry Date : 29 May 2026</p>
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Drinking, Mineral and Potable Water	pH	TLP/CL/SOP/01-01 based on APHA - 21st Edition Method 4500H ⁺
	Chloride	TLP/CL/SOP/03-01 based on ISO – 9297: 1989 by Titrimetry
	Total Hardness as CaCO ₃	TLP/CL/SOP/08-01 based on APHA – 21 st Edition Method 2340 by Titrimetry
	Calcium	TLP/CL/SOP/07-01 based on ISO 6058: 1984 by Titrimetry
	Alkalinity as CaCO ₃	TLP/CL/SOP/10-01 based on APHA- 21 st Edition Method 2320
	Total Dissolved Solids	TLP/CL/SOP/29-01 based on APHA 21 st Edition Method 2540