

CERTIFICATE OF ACCREDITATION

TANZANIA BUREAU OF STANDARDS (METROLOGY LABORATORY)

Established by the Standards Act No. 2 of 2009

Facility Accreditation Number: CAL-9 005

is a SADCAS accredited Calibration 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

VOLUME METROLOGY

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 11 February 2026
Effective Date (Issue No: 1): 16 February 2026
Certificate Expires: 15 February 2031

ANNEXURE A
SCHEDULE OF ACCREDITATION
VOLUME METROLOGY

Laboratory Accreditation Number: CAL-9 005 (ISO/IEC 17025:2017)

<p>Permanent Address of Laboratory Tanzania Bureau of Standards Metrology Laboratory Morogoro/Sam Nujoma Road, Ubungo Dar es Salaam Tanzania</p> <p>Postal Address P O Box 9524 Dar es Salaam Tanzania</p> <p>Tel : +255 22 245 0206 Cell : +255 78 480 6143 Fax : +255 22 245 0959 Email : joseph.mahilla@tbs.go.tz</p>	<p>Technical Signatories : Mr V A Panga (Item 1) Ms E E Kamala (All items) Ms Z G Juma (Items 2 & 3)</p> <p>Nominated Representative : Mr J J Mahilla</p> <p>Issue No : 01 Date of Issue : 16 February 2026 Expiry Date : 15 February 2031</p>			
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)
				At TBS
1	Piston Pipettes	Internal: <i>MET-VOL-04</i> Reference: <i>Measurement Good Practice Guide No. 69, NPL, UK; SADCAS TR 19</i>	5 μl to 100 μl 100 μl to 250 μl 250 μl to 500 μl 500 μl to 1 000 μl 1 000 μl to 3 000 μl 3 000 μl to 5 000 μl 5 000 μl to 10 000 μl	1.0 μl 2.0 μl 4.0 μl 8.0 μl 20 μl 40 μl 60 μl
2	Glassware	Internal: <i>MET-VOL-01; MET-VOL-02</i> Reference: <i>SADCAS TR 19 ISO 8106-2004 (E)</i>	1 mL to 5 mL 5 mL to 50 mL 50 mL to 250 mL 250 mL to 1000 mL 1 000 mL to 5 000 mL	0.05 mL 0.10 mL 0.20 mL 0.50 mL 2.0 mL
3	Metal Strike Measures	Internal: <i>MET-VOL-01</i> Reference: <i>SADCAS TR 19</i>	1 000 mL to 2 000 mL 5 000 mL	2.0 mL 4.0 mL

Original date of accreditation: 04 November 2010

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The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor $k = 2$, corresponding to a confidence level of approximately 95%.

Pinkie J Malebe
SADCAS Technical Manager