CERTIFICATE OF ACCREDITATION

SCIENTIFIC AND INDUSTRIAL RESEARCH AND DEVELOPMENT CENTRE
NATIONAL METROLOGY INSTITUTE

Company VAT. No. 220088617

Facility Accreditation Number: CAL-9 001

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 laboratoryquality 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

Pinkie J Malebe
For SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 13 June 2022
Effective Date (Issue No: 1): 13 June 2022
Certificate Expires: 12 June 2027

ANNEXURE A

SCHEDULE OF ACCREDITATION

VOLUME METROLOGY

Laboratory Accreditation Number: CAL-9 001 (ISO/IEC 17025: 2017)

Permanent Address of Laboratory
Scientific & Industrial Research and Development Centre - National Metrology Institute
1574 Alpes Road, Hatcliffe
Harare
Zimbabwe

Postal Address
P O Box 6640
Harare
Zimbabwe

Tel : +263 86 7700 9674
Cell : +263 71 286 4053
Email : echaazi@gmail.com
mathewranganai@yahoo.com
mranganai@sirdc.ac.zw

Technical Signatories : Mr B P Gandah (All items)

Nominated Representative : Mr E Chaazi

Issue No : 02
Date of Issue : 19 August 2024
Expiry Date : 12 June 2027

ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)
2	VOLUME			**At SIRDC-NMI**
2.2	Laboratory Glassware			
2.2.1	Flasks	Internal:VP01 Reference: SADCAS TR 19, R111-1, ISO 8106-2004(E), EURAMET/cg - 18/v.04, ISO 8655 - 6	2 ml to 1000 ml	0,015 % + 10 µL
2.2.2	Measuring Cylinders		2 ml to 1000 ml	0,015 % + 10 µL
2.2.3	Pyknometers		2 ml to 1000 ml	0,015 % + 10 µL
2.3	Piston Pipettes			
2.3.1	Micropipettes	Internal: VP02 Reference: SADCAS TR 19, R111-1, EURAMET/cg - 18/v.04, ISO 8655 - 6	100 µL to 200 µL	0,7 µL
			201 µL to 1000 µL	5 µL
			1001 µL to 10 mL	30 µL

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