



CERTIFICATE OF ACCREDITATION

In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-

DM LABORATORY SUPLIERS CC

Co. Reg. No.: 1996/023347/23

TRADING AS

LABTRONIC

MASS AND VOLUME CALIBRATION LABORATORY

Accreditation Number: 1424

is a South African National Accreditation System accredited Calibration laboratory provided that all SANAS conditions and requirements are complied with

This certificate is valid as per the scope as stated in the accompanying scope of accreditation Annexure "A", bearing the above accreditation number for

MASS AND VOLUME METROLOGY

The facility is accredited in accordance with the recognised International Standard

ISO/IEC 17025:2017

The accreditation demonstrates technical competency for a defined scope and the operation of a laboratory quality management system

While this certificate remains valid, the Accredited Facility named above is authorised to use the relevant SANAS accreditation symbol to issue facility reports and/or certificates

Ms FS Radebe
Acting Chief Executive Officer

Effective Date: 28 July 2022

Certificate Expires: 18 June 2027



ANNEXURE A

SCOPE OF ACCREDITATION

MASS AND VOLUME METROLOGY

Accreditation Number: 1424

Permanent Address of Laboratory: DM Laboratory Suppliers CC; t/a Labtronic Mass and Volume Calibration Laboratory 9 Paulus Street Kamma Park Port Elizabeth 6070		Technical Signatory: Mr D van Tonder	
Postal Address: Postnet Suite 111 Private Bag X0002 Sunridge Park 6008		Nominated Representative: Mrs M van Tonder	
Tel: (041) 379-4620 Fax: 086 556 4027 E-mail: labtronic@mweb.co.za		Issue No.: 13 Date of Issue: 28 July 2022 Expiry Date: 18 June 2027	

ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	METHOD / PROCEDURE
1	MASS			
1.1	Mass Standard			
1.1.1	Mass Standard (Weights <100 kg)	1 mg to 10 g 10 g to 20 kg	0,2 mg 0,002 %	Calibration using the single substitution method
1.2	Weighing Equipment			
1.2.1	Digital Self Indicating (Incl. balances and scales)	0,1 g to 100 kg 100 kg to 1 200 kg	0,5 mg + 0,002 % 0,003 %	Evaluation of linearity, eccentricity and repeatability using standard weights
3	VOLUME			
3.1	Volume dispensers			
3.1.1	Piston Pipettes < 100 μ l	0,2 μ l to 10 μ l 10 μ l to 100 μ l	0,2 μ l 0,6 μ l	Gravimetric Method based on ISO 8655-1 delivered volume
3.1.2	Piston Pipettes > 100 μ l	100 μ l to 1 000 μ l 1 001 μ l to 10 000 μ l	0,6 μ l 0,6 μ l + 0,004 %	
3.2	Laboratory Glassware			
3.2.3	Flasks, Measuring Cylinders and pycnometers	5 ml to 5 000 ml	0,1 %	Gravimetric method delivered and contained volume
4	On-site calibration for items 1 and 3 above			

Original Date of Accreditation: 01 October 2002

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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%

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM



 Accreditation Manager