

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:-

MONTECH CALIBRATION SERVICES (PTY) LTD

Co. Reg. No.: 2014/182132/07

HUMIDITY CALIBRATION LABORATORY

Accreditation Number: **1571**

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

HUMIDITY 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

Mr M Phaloane
Acting Chief Executive Officer

Effective Date: 15 March 2021
Certificate Expires: 09 March 2026

ANNEXURE A

SCOPE OF ACCREDITATION

HUMIDITY METROLOGY

Accreditation Number: 1571

Permanent Address of Laboratory: Montech Calibration Services (Pty) Ltd Humidity Calibration Laboratory 47 Fabriek Street Strydompark Randburg 2169		Technical Signatory: Mrs S Targett		
Postal Address: Postnet Suite 266 Private Bag x21 Bryanston 2021 Tel: (011) 464-5071 Cell: 072 779 4076 Fax: 086 767 6091 E-mail: seola@moncal.co.za		Nominated Representative: Mrs S Targett Issue No.: 19 Date of Issue: 15 March 2021 Expiry Date: 09 March 2026		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)	METHOD / PROCEDURE
3	HYGROMETERS			
3.4	Other Hygrometers			
3.4.1	Digital Hygrometers / Thermo Hygrometers (15 °C to 30 °C)	11 % rh 33 % rh 54 % rh 75 % rh 95 % rh	2,0 % rh 2,0 % rh 2,0 % rh 2,0 % rh 2,0 % rh	Comparison with reference salt solutions or comparison with reference hygrometer
3.4.4	Data Loggers Humidity (15 °C to 30 °C)	11 % rh 33 % rh 54 % rh 75 % rh 95 % rh	2,0 % rh 2,0 % rh 2,0 % rh 2,0 % rh 2,0 % rh	Comparison with reference hygrometer
4	DYNAMIC GENERATORS			
4.2	Relative Humidity Generators			
4.2.2	Environmental Chambers (15 °C to 30 °C)	10 to 95 % rh	5 % rh	Comparison with reference hygrometer
8	On-site calibration for item 4.2.2			

Original Date of Accreditation: 10 March 2016

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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