



Perfect Calibration Centre Pvt. Ltd.

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CC - 2447

NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

CERTIFICATE OF CALIBRATION

ULR - CC244720100008712F
Issue Date : 16/12/2020

CERTIFICATE NO. : PC - 12 - 20 / ATS / 875 - 05

CUS.NAME : M/s MICROBIOLOGICAL LABORATORY;

Calibration Date : 03/12/2020

ADDRESS NO : 12A,COWLWY BROWN ROAD (East),
R.S.PURAM ,COIMBATORE - 641002.

Due Date : 02/12/2021

CUST REF : Letter Dated : 01/12/2020

Page No : 1/1

CALIBRATION : At lab

DATE OF RECEIPT : 03/12/2020

PHYSICAL CONDITION ON RECEIPT : SATISFACTORY

DETAILS OF DEVICE UNDER CALIBRATION

DIGITAL THERMO HYGROMETER

MAKE	HTC-1	LOCATION	MICROBIOLOGY
SL.NO	-	CAL. RANGE	10 to 50°C / 10 to 90 %RH
ID.NO.	ADS/MB/EQP-22	L. C.	0.1°C / 1% RH

ENVIRONMENTAL CONDITIONS:

TEMPERATURE : 25.8°C

HUMIDITY : 56%RH

NO.	STANDARD USED	ID.NO./SL.NO.	CERT.NO	VALIDITY
1	TEMP. & HUMIDITY METER WITH SENSOR	2115 / 20126852	30030089	29/09/2021
2	SSPRT WITH INDICATOR	17C121046	PC-09-20/ATL/026-02	01/09/2021

The standards used are traceable to National / International Standards.

THERMAL CALIBRATION

Cal Procedure No: PCCPL/CAL/TH/001,009

COMPARISON METHOD

CALIBRATION RESULTS FOR TEMPERATURE @ 45% RH

SI No.	STD Reading(°C)	DUC Reading(°C)	Observed Deviation(°C)	Measurement Uncertainty (±) °C
1	10.248	10.0	-0.25	0.14
2	20.341	20.0	-0.34	0.14
3	25.299	25.0	-0.30	0.14
4	30.312	30.0	-0.31	0.14
5	45.316	45.0	-0.32	0.14

CALIBRATION RESULTS FOR HUMIDITY @ 25°C

SI No.	STD Reading(%RH)	DUC Reading(%RH)	Observed Deviation %RH	Measurement Uncertainty (±) %RH
1	11.21	10	-1.21	0.75
2	31.80	30	-1.80	0.75
3	61.58	60	-1.58	0.75
4	81.74	80	-1.74	0.75
5	96.38	95	-1.38	0.75

Conclusion Remarks :

- The Reported Uncertainty is at coverage factor k=2, which corresponds to a confidence level at 95%.
- Standard & DUC readings is an average of Five repeated readings.
- Calibration status : Accepted

End Of Certificate

V.Ashokkumar

Calibration Engineer/Prepared by

Calibrated / Checked by



D.Aravinthan
Technical Manager

Authorised Signatory