

CALIBRATION CERTIFICATE

Page 1 of 1

1. Customer Name:	M/s.CARE DIAGNOSTICS, 3rd Cross, Opp.ICIC Bank, Neeladri Nagar, Electronic City, Phase-1, Bangalore-100	6. Certificate No:	RCPL/20-21/TH/I2791-01
		7. ULR No:	CC22152100000406F
		8. Date of ISSUE:	23-01-2021
2. SRF No:	I2791	9. Date of Calibration:	23-01-2021
3. Date of SRF/Receipt:	23-01-2021	10. Next Cal Due:	22-01-2022
4. Discipline:	Thermal Calibration	11. Calibration SOP No:	RCPL/SOP/TH-13
5. Calibrated At:	Inhouse Thermal Lab	12. Condition of DUC on Receipt:	Good

13. ENVIRONMENTAL CONDITION: Temperature: 25±4°C / Humidity: 30 to 75% R.H

14. DUC DETAILS:

Nomenclature :	Digital Thermohygrometer	Serial No :	--
Make & Model :	--- & HTC-1	ID No:	CD/HYM-01
Range :	-50 to 70°C & 10 to 99%R.H.	Resolution:	0.1° C & 1% R.H.
Accuracy:	±1°C & ±5% R.H		

15. STANDARD INSTRUMENT USED:

Nomenclature:	Digital Temp.& Humidity Meter	Serial No:	Q952527
Make & Model :	LUTRON & HT-315	Cal Due Date:	09-01-2021
Range :	0 to 50°C & 10 to 95%RH	Traceable to:	Transcal, Bangalore
Certificate No:	TSC/19-20/11650-1		

16. CALIBRATION RESULTS:

Parameter: Temperature & Humidity

Sl No.	SET VALUE	Standard Meter Reading	DUC Reading	Error Obtained	Measurement Uncertainty ±
Temperature					
	°C	°C	°C	°C	°C
1	15	14.86	14.6	-0.26	0.26
2	30	29.78	29.3	-0.48	0.26
3	50	49.64	49.1	-0.54	0.26
Relative Humidity					
	%RH	%RH	%RH	%RH	%RH
4	30	29.88	29	-0.88	1.27
5	60	59.42	58	-1.42	1.27
6	95	94.15	92	-2.15	1.27

17. REMARKS & CONCLUSION:


- Reported Values of STD & DUC are Average of 5 Trials.
- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.00.
- Calibration Points & Due date is given as per Customer Request.
- Measurement results are Traceable to National Standard.

Calibrated By


PAVITHRA P M
CALIBRATION ENGINEER



Authorized Signatory


B. SRINIVAS
TECHNICAL MANAGER

FM-GL-29