

Reltec Calibration Pvt. Ltd.

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CALIBRATION CERTIFICATE

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1.Customer Name:	LIMITED., The Orclid No-68, Ground Floor, 9th main, HMT	6.Certificate No:	RCPL/23-24/TH/15294-0	
		7.ULR No:	CC221523000014325F	
		8.Date of Issue:	30-10-2023	
2.SRF No:	15294	9.Date of Calibration:	26-10-2023	
3.Date of SRF/Receipt:	RE/Receipt: 26-10-2023 1		25-10-2024	
4.Discipline:	Thermal Calibration	11.Calibration SOP No:	RCPL/SOP/TH-13	
5.Calibrated At:	Thermal Lab	12.Condition of DUC on Receipt:	Functional	
13.ENVIRONMENTAL C	ONDITION: Temperature: 25±4°C/Humidity: 30 to 75%R.	Н		
14.DUC DETAILS:				
Nomenclature :	Digital Thermohygrometer with Probe ID. No:		CHVL_BLR_TH3_016	
Make & Model :	HTC & HTC-2	Resolution:	0.1° C & 1% R.H.	
Range :	-50°C to 70°C & 10 to 99% R.H.	Accuracy:	±1°C & ±5% RH	
15. STANDARD INSTRU	MENT USED:			
1.Nomenclature:	Digital Temp.& Humidity Meter	Serial No:	IND:5210392, SEN:20496567	
Make & Model :	Rotronic & HP-32	Cal Due Date:	27-11-2023	
Range:	-10 to 60°C/ 0 to 100%RH	Traceable to:	HI TECH, Chennai	
Certificate No:	HT/CC/221128-20/001	Traceable to.		
16.CALIBRATION RESU	LTS:			

Baramatan Temperature & Humidity

Sl No.	Set Value	Standard Meter Reading	DUC Reading	Error Obtained	Measurement Uncertainty ±
			Temperature (Indoor)	950%RH	
	°C		°C	°C	°C
1	15	15.08	14.9	-0.18	0.24
2	30	30.05	29.8	-0.25	0.24
3	50	50.21	49.9	-0.31	0.24
3	30	00.21	Temperature (Outdoor)	@50%RH	
	15	14.92	14.8	-0.12	0.24
4	30	29.91	29.7	-0.21	0.24
5		50.08	49.8	-0.28	0.24
6	50	30.00	Humidity (%R)	1) @25°C	
		%RH	%RH	%RH	%RH
	%RH		29	-1.11	1.17
8	30	30.11		-1.23	1.17
9	60	60.23	59		1.17
10	95	92.31	91	-1.31	1.17

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

CALIBRATION ENGINEER



End of certificate

Calibra

FM-GL-29