



ADARSHA CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY

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CC-2722

CERTIFICATE OF CALIBRATION

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Certificate Number:	ACS/JAN/21/I-39-04	ULR Number :	ULR-CC-272221000000412F
Customer Name & Address:	M/s. Sparsha Diagnostics Mangalore.		
Date Of SRF:	16-01-2021	Calibrated At:	Thermal Lab
Date of Calibration:	16-01-2021	Calibration WI No:	WI/TH/03
Next Cal Due:	15-01-2022	Date of Issue:	18-01-2021
Environmental Conditions:	Temperature: 25.19°C	Humidity:	55.7% R.H
DETAILS OF DEVICE UNDER CALIBRATION			
Nomenclature :	Digital Thermohygrometer	Serial. No:	160708557
Make & Model :	NA & NA	Code/ID No :	NA
Range :	-20 to 70°C & 20 to 99%RH	Resolution:	0.1°C & 1%RH
Location:	NA		
DETAILS OF STANDARD INSTRUMENT USED			
Nomenclature:	Humidity & Temperature Indicator with Sensor	Serial.No/Id.No:	P2320005 (Indicator) / P2740446 (Sensor)
Make / Model :	Vaisala & MI70 (Indicator)	Cal Due Date:	19-10-2021
Range :	0 to 60°C & 0 to 100%RH	Certificate No:	ULR-CC-287920000005381F
Nomenclature:	Portable Temperature & Humidity Genrator	Serial.No/Id.No:	PTHG/0123/2018
Make / Model :	Indecon / INDEE-PHTG/001	Used As:	Source

CALIBRATION RESULTS:

Parameter: Temperature Measured @ 50%RH

Sl No	Source Set Point in °C	Standard Reading in °C	DUC Reading in °C	Error Obtained in ± °C	Expanded Measurement Uncertainty ± in °C
1	10	10.13	10.2	0.07	0.90
2	20	20.16	20.3	0.14	0.90
3	30	30.19	30.4	0.21	0.90
4	40	40.22	40.5	0.28	0.90
5	50	50.06	50.4	0.34	0.90
6	58	58.09	58.5	0.41	0.90

Parameter: Humidity Measured @ 25°C

Sl No	Source Set Point in %RH	Standard Reading in %RH	DUC Reading in %RH	Error Obtained in ± %RH	Expanded Measurement Uncertainty ± in %RH
1	20	20.42	20	-0.42	1.50
2	40	40.59	40	-0.59	1.50
3	60	60.63	60	-0.63	1.50
4	80	80.75	80	-0.75	1.50
5	90	90.94	90	-0.94	1.50
6	95	95.15	94	-1.15	1.50

REMARKS & CONCLUSION:

- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k = 2.00.
- Next calibration due date mentioned as per customer requirement
- Calibration Instrument Received Through "M/s.Medical Engineering & Services"

Calibrated By

Birdhu A

Calibration Engineer



Authorised Signatory

Manjunath I

Technical Manager