



A A CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

7.87-01



CC-25A4

Certificate No	AACPL / 09331F	Field	Thermal	Group	Temp & RH	Page No.	1 of 1
SRF No & Date	231221-4 DT - 21/12/2023			ULR No.	CC2546230000 09331F		
Calibration Method	Comparison Method			Accuracy			
Company Name	M/s Krishna Diagnostics Ltd.			Calibration Date	21-12-2023		
Address	Civil Hospital Gurdaspur Babn - 143520			Recommended Date for Next Calib.	20-12-2024		
				Certificate Issue Dt.	23-12-2023		
				UUC Condition	Good		

Calibration Instrument Detail

Sl	Instrument Name	Range	Least Count	Make / Sl.No.	Party ID / Location
1	Dig. Thermo Hygrometer	-10 to 50 °C 10 to 99 % RH	0.1 °C / 1 % RH	HTC - 1	KDDHPBSCTH1E Sample Collection

Standard Equipments Used (Traceable to National Standard)

Sl	Instrument Name	Make/SI.No.	Calibrated At	Cal Certificate No.	Cal. Valid Upto
1	Dig. Hygrometer with Sensor	Politech/20275542	NCL	NCL/A/2023/67/01	21/01/2024
2	Humidity Chamber	Indecon /			

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
Comparison Method	Temp. & RH Measurement	55 %RH	25.8 °C	Laboratory

Calibration Procedure As per Calibration Procedure Manual AACPL/CP/03, Section No: CPTH - 07

Calibration Points -> Temp. 15, 25 & 40 °C Relative Humidity 40, 60, & 90 % RH

Calibration Results (Temperature at 50 %RH)

Sl. No.	Master Value on Std. (In °C)	UUC Value (In °C)	Deviation (In °C)	Uncertainty at approx 95% confidence Level and coverage factor = +2 x ± 1°C
1	15.06	14.7	-0.36	0.47
2	25.08	24.3	-0.78	0.47
3	40.16	39.1	-1.06	0.47

Calibration Results (Humidity at 25 °C)

Sl. No.	Master Value on Std. (In % RH)	UUC Value (In % RH)	Deviation (In % RH)	Uncertainty at approx 95% confidence Level and coverage factor = +2 x ± 1.5%
1	40.06	39	-1.06	1.53
2	60.11	59	-1.11	1.53
3	90.16	89	-1.16	1.53

Note

- The calibration results reported in the calibration certificate are valid at the time of & under stated condition
- This certificate cannot be reproduced except in full without our prior permission in writing
- This certificate refers only to the particular items submitted for calibration
- UUC - Unit Under Calibration

----- End of Certificate -----

Calibrated by



Approved by

Broopesh Kumar
(Tech. Manager)