



A A CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

7.87.01



CC - 098

Certificate No	AACPL / 09329F	Field	Thermal	Group	Temp & RH	Page No.	1 of 1
SRF No & Date	2312214 DT - 21/12/2023			ULR No.	CC2646230000/09329F		
Calibration Method	Comparison Method			Accuracy			
Company Name	M/s Krishna Diagnostics Ltd			Calibration Date	21/12/2023		
Address	Civil Hospital Gurdaspur, Babri - 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	KDDHPBST1113 Store Room

Standard Equipments Used (Traceable to National Standard)

Sl	Instrument Name	Make/Sl.No	Calibrated At	Cal Certificate No	Cal. Valid Upto
1	Dig. Hygrometer With Sensor	Poitech/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	53 %RH	25.4 °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 k = 2 (n = 1) (NPO)
1	15.06	15.3	0.24	0.47
2	25.08	25.6	0.52	0.47
3	40.16	40.6	0.64	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 k = 2 (n = 1) (NPO)
1	40.05	41	0.95	1.53
2	60.11	62	1.89	1.53
3	90.16	92	1.84	1.53

Note

- The calibration results reported in this 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 item(s) submitted for calibration
- UUC - Unit under calibration

— End of Certificate —

Calibrated by



Approved by

Dhoshpesh Kumar
(Tech. Manager)