



A A CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

1 of 1



Certificate No	AACPL / 09330F	Field	Thermal	Group	Temp. & RH	Page No	1 of 1
SRF No & Date	2312214	DT - 21 / 12 / 2023		ULR No.	CC2646230000 09330F		
Calibration Method	Comparison Method			Accuracy			
Company Name	M/s Krishna Diagnostics Ltd			Calibration Date	21-12-2023		
Address	Civil Hospital, Gurdaspur, Bahr - 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 95 % RH	0.1 °C / 1 % RH	HTC - 1	KDDHRCCT/116 Clinical Chemistry

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	Politech/20275542	NCL	NCL/A/2023/07/01	21/01/2024
2	Humidity Chamber	Indecon /			

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
Comparison Method	Temp. & RH Measurement	53 %RH	25.6 °C	Laboratory

Calibration Procedure: As per Calibration Procedure Manual AACPL / CP / 03 Section No: CP7H - 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 (GUM)
1	15.06	15.2	0.14	0.47
2	25.08	25.3	0.22	0.47
3	40.16	40.5	0.44	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 (GUM)
1	40.05	40	-0.05	1.53
2	50.11	51	0.89	1.53
3	90.16	91	0.84	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 items submitted for calibration.
- UUC - Unit under calibration.

End of Certificate

Calibrated by

Approved by
Anoop Kumar
(Tech. Manager)