



A A CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

7-6P-01



CC-2048

Certificate No.	AACPL / 093277	Field	Thermal	Group	Temp & RH	Page No.	1 of 1
SRF No & Date	231221A DT - 21/12/2023			ULR No.	CC2646230000-093277		
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	29/12/2024		
				Certificate Issue Dt.	21/12/2023		
				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 / 0.1 % RH	HTC - 1	KDDHPBCGTH1 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	Portech/20215542	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	25.2 °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 (k = 1.96)
1	15.08	15.2	0.14	0.47
2	25.08	25.5	0.42	0.47
3	40.18	40.7	0.54	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 (k = 1.96)
1	40.05	40	-0.05	1.53
2	60.11	61	0.89	1.53
3	90.18	91	0.84	1.53

Note

1. The calibration results reported in this calibration certificate are valid at the time of & under stated condition
2. This certificate cannot be reproduced except in full without our prior permission in writing
3. This certificate refers only to the particular item(s) submitted for calibration
4. UUC - Under order calibration

— End of Certificate —

Calibrated by

Approved by

Bhoojesh Kumar
(Tech. Manager)