



AACPL CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 09163F	Field	Thermal	Group	Temp. & RH	Page No.	1 of 1
SRF No & Date	231215.6 DT - 15 / 12 / 2023	ULR No.		CC2646230000 09163F			
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date		16.12.2023	
Address	DH Civil Hospital Guru Teg Bahadur Nagar Tarn Taran			Recommended Date for Next Calib		15.12.2024	
				Certificate Issue Dt.		18.12.2023	
				UUC Condition		Good	

Calibration Instrument Detail

Sl	Instrument Name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Dig. Thermo - Hygrometer	-10 to 50 °C 10 to 99 % RH	0.1 °C / 1 % RH	HTC -----	KDTPPBSTHM12 Store Room

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	Polltech/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	52 % RH	25.7 °C	Laboratory

Calibration Procedure

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL/ CP / 02 Section No - CPTH - 07

Calibration Points :- Temp. 15, 25 & 40 °C Relative Humidity 30, 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 is ± (°C)
1	15.07	15.2	0.13	0.47
2	25.12	25.3	0.18	0.47
3	40.15	40.6	0.45	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 is ± (%RH)
1	30.08	31	0.92	1.77
2	60.11	61	0.89	1.77
3	90.14	91	0.86	1.77

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 - Unit under calibration

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

Awasthi
Calibrated by



Approved by
Bhroopesh Kumar
Bhroopesh Kumar
(Tech. Manager)

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