



# AACPL CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 09171F	Field	Thermal	Group	Temp. & RH	Page No.	1 of 1
SRF No & Date	231218.1 DT - 18 / 12 / 2023	ULR No.		CC2646230000 09171F			
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostic Ltd	Calibration Date		18.12.2023		17.12.2024	
Address	Civil Hospital Rohru Shimla -171207	Recommended Date for Next Calib.		20.12.2023		Certificate Issue Dt.	
		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 / ----	KDHPROCHHM24 Haematology

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	25.4 °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 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 is ± ( °C )
1	15.06	15.2	0.14	0.47
2	25.11	25.4	0.29	0.47
3	40.17	40.5	0.33	0.47

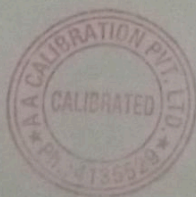
Calibration Results ( Humidity at 25 °C )				
Sl. No.	Master Value on Std. ( In % RH )	UUC Value ( In % RH )	Deviation ( In % RH )	Uncertainty at approx 95% confidence Level and coverage factor k =2 is ± (%RH)
1	40.09	40	-0.09	1.70
2	60.16	60	-0.16	1.70
3	90.27	90	-0.27	1.70

**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 -----

Calibrated by



Approved by  
  
Anand Chaurasia  
(CEO)