



# A A CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 07060F	Field	Thermal	Group	Temp.&RH	Page No.	1 of 1
SRF No & Date	230926.4 DT - 26 / 09 / 2023			ULR No.	CC2646230000 07060F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	26.09.2023		
Address	Mathura Daas Civil Hospital (DH), Main Bazar, Moga (PB)			Recommended Date for Next Callib.	25.09.2024		
				Certificate Issue Dt.	29.09.2023		
				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 / -----	KDDHPBCCTH08 Bio Chemistry

### 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	(50 ± 15)%RH	(25 ± 2)°C	Laboratory

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 03, Section No : CPTH - 07

Calibration Points :- Temp. 15, 30 & 45 °C      Relative Humidity 20, 50 & 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	14.9	-0.17	0.47
2	30.12	29.8	-0.32	0.48
3	45.19	44.6	-0.59	0.48

### 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	20.07	20	-0.07	1.63
2	50.12	50	-0.12	1.64
3	90.21	91	0.79	1.66

### 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 -----



Approved by  
Calibrated by

Approved by  
*Bhoopesh Kumar*  
Bhoopesh Kumar  
(Tech. Manager)