



# A A CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2648

Certificate No	AACPL / 08254F	Field	Thermal	Group	Temp. & RH	Page No.	1 of 1
SRF No & Date	231108.3 DT - 08 / 11 / 2023			ULR No.	CC2646230000 08254F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostic Ltd.			Calibration Date	08.11.2024		
Address	Mahatma Gandhi Medical Services Complex, Khaneri, Rampur, Himachal Pradesh			Recommended Date for Next Calib.	07.11.2023		
				Certificate Issue Dt.	10.11.2023		
				UUC Condition	Good		

### Calibration Instrument Detail

SI	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 -----	KDHPRMMSHM14 Haematology

### Standard Equipments Used ( Traceable to National Standard )

SI	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	55 % RH	24.8 °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 )

SI. 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	14.96	15.1	0.14	0.47
2	24.91	25.2	0.29	0.47
3	39.87	40.3	0.43	0.47

### Calibration Results ( Humidity at 25 °C )

SI. 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	40.08	40	-0.08	1.70
2	60.16	60	-0.16	1.70
3	90.27	90	-0.27	1.71

### 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 -----

*AACPL*  
Calibrated by



Approved by  
*A Anand*  
Anand Chaurasia  
(CEO)

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