



# AACALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 07058F	Field	Thermal	Group	Temp.&RH	Page No.	1 of 1
SRF No & Date	230926.4 DT - 26 / 09 / 2023			ULR No.	CC2646230000 07058F		
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 Calib.	25.09.2024		
				Certificate Issue Dt.	29.09.2023		
				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 / -----	KDDHPBHMTH10 Hematology

### 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 Senso	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 )

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	15.07	14.8	-0.27	0.47
2	30.12	29.6	-0.52	0.48
3	45.19	44.3	-0.89	0.48

### 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	20.07	20	-0.07	1.63
2	50.12	49	-1.12	1.64
3	90.21	89	-1.21	1.66

### 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 -----

*Aakash*  
Calibrated by



Approved by  
*B. Kumar*  
Bheepesh Kumar  
(Tech. Manager)

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