



# A A CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE



CC - 2646

Certificate No	AACPL / 09176F	Field	Thermal	Group	Temp. & RH	Page No.	1 of 1
SRF No & Date	231218.1	DT - 18 / 12 / 2023		ULR No.	CC2646230000 09176F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostic Ltd			Calibration Date	18.12.2023		
Address	Civil Hospital Rohru Shimla -171207			Recommended Date for Next Calib.	17.12.2024		
				Certificate Issue Dt.	20.12.2023		
				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 / ----	KDHPROCHCP30 Clinical Pathology

### 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/AI/2023/67/01	21/01/2024
2	Humidity Chamber	Indecon / -----	-----	-----	-----

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
Comparison Method	Temp. & RH Measurement	54 % 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 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 $\pm$ ( °C )
1	15.06	14.9	-0.16	0.47
2	25.11	24.8	-0.31	0.47
3	40.17	39.8	-0.37	0.47

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

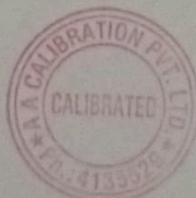
Sl. No.	Master Value on Std. ( In % RH )	UUC Value ( In % RH )	Deviation ( In % RH )	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is $\pm$ (%RH)
1	40.09	41	0.91	1.70
2	60.16	61	0.84	1.70
3	90.27	91	0.73	1.70

### 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 -----

*B. Kumar*  
Calibrated by



Approved by  
*A. Chaurasia*  
Anand Chaurasia  
(CEO)