



# A A CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 03437F	Field	Thermal	Group	Temp. & RH	Page No.	1 of 1
SRF No & Date	240507.1	DT - 07 / 05 / 2024		ULR No.	CC2646240000	03437F	
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	07.05.2024		
Address	Regional Hospital, Kotla Nala, Solani			Recommended Date for Next Calib.	06.05.2025		
				Certificate Issue Dt.	11.05.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

Sl	Instrument Name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Dig. Thermo-Hygrometer	-50 to 70 °C 10 to 99 % RH	0.1 °C / 1 % RH	HTC / ----	KDHPRHSLBC04 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. Temp. & Humidity Ind. With sensor	Polltech 5019/20275542	Belz	30077505	07/02/2025
2	Humidity Chamber	Indecon / -----	-----	-----	-----

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
Comparison Method	Temp. & RH Measurement	55 %RH	25.6 °C	Laboratory

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 03, 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	14.8	-0.26	0.48
2	25.13	24.7	-0.43	0.48
3	40.17	39.5	-0.67	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 $\pm$ (%RH)
1	40.05	39	-1.05	1.58
2	60.09	59	-1.09	1.58
3	90.12	89	-1.12	1.58

#### 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 -----

Calibrated by



Approved by

Anand Chaurasia  
(CEO)