



# AACPL CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

|                      |  |                     |         |                                  |                     |          |        |
|----------------------|--|---------------------|---------|----------------------------------|---------------------|----------|--------|
| Certificate No       | AACPL / 05976F                         | Field               | Thermal | Group                            | Temp. & RH          | Page No. | 1 of 1 |
| SRF No & Date        | 240827.3                               | DT - 27 / 08 / 2024 |         | ULR No.                          | CC2646240000 05976F |          |        |
| Calibration Method : | Comparison Method                      |                     |         | Accuracy                         |                     |          |        |
| Company Name         | M/s Krsnaa Diagnostics Limited         |                     |         | Calibration Date                 | 27.08.2024          |          |        |
| Address              | Regional Hospital Dhalpur<br>Kullu H.P |                     |         | Recommended Date for Next Calib. | 26.08.2025          |          |        |
|                      |  |                     |         | Certificate Issue Dt.            | 31.08.2024          |          |        |
|                      |  |                     |         | 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<br>10 to 99 % RH | 0.1 °C / 1 % RH | HTC<br>-----  | KDLHPKLHM01<br>Hematology |

### 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.<br>With sensor | Polltech<br>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 | 53 %RH   | 25.5 °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 30, 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                          | 15.2                | 0.14                | 0.46   |
| 2       | 25.13                          | 25.3                | 0.17                | 0.46   |
| 3       | 40.17                          | 40.4                | 0.23                | 0.46   |

### 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       | 30.05                            | 31                    | 0.95                  | 1.64  |
| 2       | 60.09                            | 61                    | 0.91                  | 1.64  |
| 3       | 90.12                            | 91                    | 0.88                  | 1.64  |

#### 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)