



# AACPL CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE



CC - 2646

|                      |   |                     |         |                                  |                     |          |        |
|----------------------|---|---------------------|---------|----------------------------------|---------------------|----------|--------|
| Certificate No       | AACPL / 04463F                              | Field               | Thermal | Group                            | Temp. & RH          | Page No. | 1 of 1 |
| SRF No & Date        | 240612.4                                    | DT - 12 / 06 / 2024 |         | ULR No.                          | CC2646240000 04463F |          |        |
| Calibration Method : | Comparison Method                           |                     |         | Accuracy                         |                     |          |        |
| Company Name         | M/s Ksrnaa Diagnostics Ltd.                 |                     |         | Calibration Date                 | 12.06.2024          |          |        |
| Address              | Civil Hospital, Near Jyoti Chowk, Jalandhar |                     |         | Recommended Date for Next Calib. | 11.06.2025          |          |        |
|                      |   |                     |         | Certificate Issue Dt.            | 13.06.2024          |          |        |
|                      |   |                     |         | UUC Condition                    | Good                |          |        |

### Calibration Instrument Detail

| Sl | Instrument Name        | Range                         | Least Count     | Make / Sl.No. | Party ID / Location             |
|----|------------------------|-------------------------------|-----------------|---------------|---------------------------------|
| 1  | Dig. Thermo Hygrometer | -10 to 50 °C<br>10 to 99 % RH | 0.1 °C / 1 % RH | HTC / ---     | KDJLPBCATH39<br>Collection Area |

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

| Sl | Instrument Name                          | Make/Sl.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 | 52 %RH   | 25.4 °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 ± ( °C ) |
|---------|--------------------------------|---------------------|---------------------|---|
| 1       | 14.94                          | 14.8                | -0.14               | 0.46  |
| 2       | 24.88                          | 24.7                | -0.18               | 0.46  |
| 3       | 39.84                          | 39.5                | -0.34               | 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 ± ( %RH ) |
|---------|----------------------------------|-----------------------|-----------------------|--|
| 1       | 29.95                            | 29                    | -0.95                 | 1.64   |
| 2       | 59.91                            | 59                    | -0.91                 | 1.64   |
| 3       | 89.87                            | 89                    | -0.87                 | 1.64   |

**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 -----



*[Signature]*  
Calibrated by

Approved by  
*[Signature]*  
Anand Chaurasia  
(CFO)