



AACPL CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

| | | | | | | | |
|----------------------|---|---------------------|---------|----------------------------------|---------------------|----------|--------|
| Certificate No | AACPL / 06978F | Field | Thermal | Group | Temp. & RH | Page No. | 1 of 1 |
| SRF No & Date | 230918.2 | DT - 18 / 09 / 2023 | | ULR No. | CC2646230000 06978F | | |
| Calibration Method : | Comparison Method | | | Accuracy | | | |
| Company Name | M/s Krsnaa Diagnostics Ltd. | | | Calibration Date | 18.09.2023 | | |
| Address | SDH, Civil Hospital Road, Shastri Nagar, Batala, Punjab | | | Recommended Date for Next Callb. | 17.09.2024 | | |
| | | | | Certificate Issue Dt. | 20.09.2023 | | |
| | | | | 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 - 1 / --- | KDSDPBSCTH14 Sample Collection Room |

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 Sensor | 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, 25 & 40 °C Relative Humidity 30, 60 & 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 | 15.06 | 15.1 | 0.04 | 0.47 |
| 2 | 25.13 | 25.2 | 0.07 | 0.47 |
| 3 | 40.17 | 40.4 | 0.23 | 0.47 |

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 | 30.05 | 30 | -0.05 | 1.77 |
| 2 | 60.09 | 60 | -0.09 | 1.77 |
| 3 | 90.12 | 89 | -1.12 | 1.77 |

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 -----

[Signature]
Calibrated by



Approved by
[Signature]
Anand Chaurasia
(CEO)