



# A A CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

|                      |  |                     |         |                                  |                     |          |        |
|----------------------|--|---------------------|---------|----------------------------------|---------------------|----------|--------|
| Certificate No       | AACPL / 07118F   | Field               | Thermal | Group                            | Temp.&RH            | Page No. | 1 of 1 |
| SRF No & Date        | 230929.8   | DT - 29 / 09 / 2023 |         | ULR No.                          | CC2646230000 07118F |          |        |
| Calibration Method : | Comparison Method  |                     |         | Accuracy                         |                     |          |        |
| Company Name         | M/s Krsnaa Diagnostics Ltd.  |                     |         | Calibration Date                 | 29.09.2023          |          |        |
| Address              | Shri Prabodh Chander District Hospital<br>Shahpur Road, Pathankot (PB) |                     |         | Recommended Date for Next Calib. | 28.09.2024          |          |        |
|                      |  |                     |         | Certificate Issue Dt.            | 03.10.2023          |          |        |
|                      |  |                     |         | 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<br>10 to 99 % RH | 0.1 °C / 1 % RH | HTC<br>----- | KDDHPBCCTH19<br>Clinical Chemistry |

### 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

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL/ CP / 02 Section No - CPTH - 07

Calibration Points :- Temp. 10, 20 & 45 °C      Relative Humidity 20, 50 & 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       | 10.04                          | 9.7                 | -0.34               | 0.47  |
| 2       | 20.07                          | 19.4                | -0.67               | 0.47  |
| 3       | 45.13                          | 44.3                | -0.83               | 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       | 20.06                            | 19                    | -1.06                 | 1.70   |
| 2       | 50.11                            | 49                    | -1.11                 | 1.74   |
| 3       | 90.16                            | 89                    | -1.16                 | 1.74   |

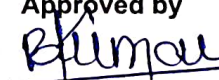
### Note

- 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 -----

Calibrated by 



Approved by  
  
Bhoopesh Kumar  
(Tech. Manager)

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