



CALIBRATION CERTIFICATE

Certificate No. : L23071217 - 01	ULR No.: CC317223000002005F
Issue Date : 12-Jul-2023	Cal Date: 12-Jul-2023
	Due Date : 11-Jul-2024

Customer : M/s. District Govt. Hospital Shahdol Central Processing lab Kusha Bhau Thakrey District Hospital, Pandav Nagar, Shahdol MP - 484001.	SRF No. : L23071217 SRF / Received Date : 12-Jul-2023 Physical Condition : OK Calibrated at : Laboratory Parameter : THERMAL
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UNIT UNDER CALIBRATION

Instrument : Thermo-Hygrometer	Range : -10 to 50 °C & 0 to 100 % RH
Make : HTC™	Resolution : 0.1 °C & 1 % RH
Model : HTC-2	Serial No : ---
	ID No : DH SDL/CPL/HYGRO/29

MASTER EQUIPMENT USED

Sr. No.	Nomenclature	Id. No. / Sr. No.	Traceability	Validity
01	Humidity and Temperature Meter	RKL/TH/08.	TSC / 22-23 / 12947-3	01-Dec-2023

Master Equipments used are traceable to National Standards

Method of calibration as per RKL/WI/TH-04, Based on NABL 129.

Environmental condition maintained during Calibration:- Temp: 25 ± 4°C and Humidity: 40 to 60% RH

Result of Calibration

Measurement of Temperature @ 50% RH				All reading in °C	
Sr. No.	Set Point	Master Reading	UUC Reading	Deviation	± Uncertainty
1	15	14.93	14.9	-0.03	0.20
2	20	19.97	19.9	-0.07	0.20
3	25	25.11	25.0	-0.11	0.20
4	30	30.13	30.0	-0.13	0.20

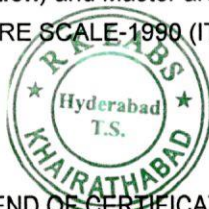
Measurement of Humidity @ 25 °C				All reading in % RH	
Sr. No.	Set Point	Master Reading	UUC Reading	Deviation	± Uncertainty
1	15	15.45	16	0.55	1.8
2	30	30.02	31	0.98	1.8
3	60	59.95	61	1.05	1.8
4	90	88.89	90	1.11	1.8

Measurement Uncertainty reported at 95.45% confidence level with k = 2

REMARKS

1. Due Date Mention as per the customer requirement.
2. The given measured value is the is average reading taken.
3. Reading were noted when UUC (Unit under Calibration) and Master are stable at set point.
4. Temperature Scale: INTERNATIONAL TEMPERATURE SCALE-1990 (ITS-90).

Calibrated By



Authorised Signatory
Umang.R.Sodhi
Technical Manager

----- END OF CERTIFICATE -----

RKL/FF/25