

Ultra Cal

Ultra Cal

42, 1st Floor, 60 Feet Main Road, Srinivasanagar,
Pattegarapalya, Bengaluru, Karnataka - 560072
info@ultra-cal.com



CC-2996

CALIBRATION CERTIFICATE

Customer Name & Address: M/s. Sumukh Prayogalaya.,
Shrinath Complex, 2nd Floor, Hubli

Customer's Reference: SRF.No.: 1114 Dated: 01 Mar 2023

CAL CERT. NO.	CALIBRATED ON	RECOMMENDED CAL DUE	PAGE NO.
UC/23/1114 - 05	01 Mar 2023	28 Mar 2024	1 of 2

ULR No.: CC299623000001061F

Date of Issue: 10 Mar 2023

Details of device under calibration (DUC):

DUC: Digital Thermohyrometer	Cal Procedure No: UC/CAL/407
Make: HTC	No. of Pages: 2
Model: HTC-1	DUC Received: 01 Mar 2023
SI. No: ---	DUC Condition on Receipt: Satisfactory
Id No: DTHM-02	Cal At: Thermal Lab, UltraCal

Environmental Conditions: Temperature: $25 \pm 4^{\circ}\text{C}$, Humidity: 30 - 75%

Sl. No.	Nomenclature	Make & Model	Sl. No /ID No.	Basic Accuracy	Traceable to	Validity
1	Class A RTD	Techno Trade / PT-100	UC/TH-001	0.2 °C	Testcal	12 Dec 2023
2	Thermo Hygro Meter	Rotronic/HP32	UC/TH-009	0.8%	TransCal	09 July 2023
3	Humidity Chamber	Used As a Source				

Note:

- The Calibration Certificate relates only to the above DUC
- Publication or reproduction of this certificate in any form other than by complete set of the whole certificate & in the language, written, is not permitted without the written consent of Ultracal.
- Corrections/erasing, invalidate the Calibration Tester.
- Calibration of the DUC are traceable to National standards/International Standards
- Any error in this cert should be brought to our knowledge within 45 days from the date of this certificate.
- Results Reported are valid at the time of and under the stated conditions of measurements.
- The usage of NABL Symbol is as per NABL guidelines given in NABL-133.

Calibrated By:

Deepak.T.S
(Calibration Engineer)



Authorised By:

Shreyas.B.V
(Technical Manager)

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Results:

Temperature:

Range: -50 to 70 °C

LC: 0.1 °C

@ Constant 60 % RH

Sl. No.	STD. Reading in (°C)	DUC. Reading in (°C)	Deviation Observed In (°C)	Measurement Uncertainty (±) °C	K Factor
1	20.13	20.4	0.27	0.84	2.0
2	30.11	30.5	0.39	0.84	2.0
3	40.07	40.5	0.43	0.84	2.0

Humidity:

Range : 10 to 99 %

LC: 1 %

@ Constant 25°C

Sl. No.	STD. Reading in (%)	DUC. Reading in (%)	Deviation Observed In (%)	Measurement Uncertainty (±) %	K Factor
1	29.31	30	0.69	1.85	2.0
2	60.29	61	0.71	1.85	2.0
3	89.84	91	1.16	1.85	2.0

Conclusion Remarks:-

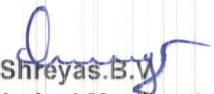
1 Measurement Uncertainty reported is at 95 % confidence level.

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