



QUALITY TECHNICAL SOLUTIONS

PAP-R-289, Near Golden Garage,
Rabale M.I.D.C., Navi - Mumbai,
Thane: 400701



CC - 3252

Calibration Certificate

ULR No. CC325223000003033F

Calibration Certificate No. CAL-23040059/TH/01

Customer Name and Address	M/s. RAPID DIAGNOSTIC PRIVATE LIMITED B-82, G.T. KARNAL ROAD INDUSTRIAL AREA, DELHI 110033
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Calibration Request Reference:	Verbal	SRF No.	CAL-23040059	Certificate Issue Date	24.04.2023
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Specifications of Unit Under Calibration (UUC)			
Instrument Name	Temperature & Humidity Data Logger	Instrument Rec Date	12.04.2023
Inst. / Equip. Code No.	NA	Condition on receipt	Good
Section / Department	NA	Calibration Date	19.04.2023
Make / Model	K23	Recommended Due Date (As per Customer Request)	18.04.2024
Range	Temperature:-(-30 To 70) °C, Humidity:- (0 To 100) %RH	Specified Accuracy	± 0.5 °C
Serial No.	BC572900A08D	Acceptance Criteria	NA
Least Count	0.01 °C, 0.01 %RH	Work Instruction No.	QTS-WI-T-04L
Location	NA		

Environmental Conditions:	Temperature: 25.3°C	Relative Humidity: 51.3 %RH	Atmospheric Pressure: NA
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REFERENCE STANDARD USED FOR CALIBRATION (TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS)

Details of Standard Used	Range	Accuracy	Certificate No.	Calibration Date	Calibration Due
Digital Reference Thermometer with SSPRT, Make: Isotech, ID. No.: QTS/CAL/DRT-05 (Indicator), QTS/CAL/DRT-05A (Sensor)	(-100 To 450) °C	± 0.02 °C From (-80 to 200) °C, ± 0.03 °C From (200 to 660) °C (Indicator) & AS Per Specification (Sensor)	2022/1146/00001/ 54358	24.08.2022 To 30.08.2022	30.08.2023
Humidity & Temperature Indicator with Sensor, Id. No. QTS/CAL/TRH-05 (Indicator), QTS/CAL/TRH-05A (Sensor)	(-10 to 60) °C & (0 to 100) %RH	± 0.1 °C & ± 0.8 %RH	CC210122000000901F	01.06.2022	01.06.2023

Discipline: Thermal, Group: Temperature Measurement

Range °C	UUC Reading °C	Master Reading °C	Deviation °C	Expanded Uncertainty ± °C
0.0	0.61	0.480	0.130	0.83
5.0	4.58	4.398	0.182	0.83
10.0	9.20	9.115	0.085	0.83

Discipline: Thermal, Group: Specific Heat & Humidity, Parameter : Relative Humidity Measurement at @ 25 °C

Range %RH	UUC Reading %RH	Master Reading %RH	Deviation %RH	Expanded Uncertainty ± %RH
35.0	35.23	35.39	-0.16	2.59
50.0	49.88	50.93	-1.05	2.80
80.0	82.77	80.18	2.59	2.90



Calibrated by:

24.04.2023

Bhagyashree Doke
Calibration Engineer



Authorised Signatory:

24.04.2023

Sundip Shelar
Quality Manager



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REMARKS:

- 'UUC' Unit under calibration.
- This report refers only to the particular item Calibrated at Lab.
- UUC & Standard reading are average of Five Readings.
- The above stated readings are without any adjustment.
- Observed Standard readings are with applied Correction Factor.
- The reported measurement uncertainty is estimated at a level of confidence of approximately 95% with a coverage factor $k=2$.
- The Calibration Results reported in this certificate are valid at the time of & under the stated condition of environment.
- Temperature Scale : International Temperature Scale 1990 (ITS 90)
- This Calibration Report refers only to the particular item(s) submitted for calibration.
- Calibration is done for points, selected in working range as per our scope & Customer requirement.
- Any queries/corrections in the Calibration certificate will be entertained up to 1 months from the date of issue.
- The Calibration report cannot be reproduced, except in full, without written approval of **QUALITY TECHNICAL SOLUTIONS**.




Calibrated by:


24.04.2023
Bhagyashree Doke
Calibration Engineer



Authorised Signatory:


24.04.2023
Sundip Shelar
Quality Manager

QTS/FT-03/7.8

END OF CERTIFICATE

Page 02 of 02

