



AVM LABS PVT. LTD.

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CALIBRATION CERTIFICATE

ULR No.: CC2082200007131F

CERT No.	: C-22/23-0043-02	DATE OF ISSUE	: 11-Apr-22	PAGE	: 1 OF 1
JOB No.	: J-22/23-0043	CALIBRATED ON	: 11-Apr-22	SUGG.NEXT CAL	: 11-Apr-23

DETAILS OF CUSTOMER :

NAME & ADDRESS	: M/s. EL-EVEN LABORATORIES NO. 37/B2, KIZHAKKEKARA ROAD, CHANGAMPUZHA NAGAR, THIRUNILATH HOUSING COLONY, SOUTH KALAMASSERY, KOCHI - 682 033.	CALIBRATED AT	: IN LAB
		DATE OF RECEIPT	: 11-Apr-22
		CONDITION OF RECEIPT	: SATISFACTORY
		CALIB. PROCEDURE	: AVM-WI-TDS

DETAILS OF DEVICE UNDER CALIBRATION :

NOMENCLATURE	: THERMO HYGROMETER	RANGE / SIZE	: -10 ~ 50 °C / 10 ~ 99 %RH
MANUFACTURER	: APTECDEALS	OPERATING RANGE	: -
MODEL	: HTC-1	INPUT / OUTPUT	: -
TYPE	: -	RESOLUTION	: 0.1°C / 1 %RH
SERIAL NUMBER	: -	ACCURACY	: -
ID/TAG NO.	: E-014	LOCATION	: -

ENVIRONMENTAL CONDITIONS:

TEMPERATURE :	25.9 °C	HUMIDITY :	55 %RH
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MEASUREMENT TRACEABILITY

The reference measurement standards used are traceable to National/International Standards.

REFERENCE STANDARDS	TAG NUMBER	CERTIFICATE NUMBER	DUE DATE
HUMIDITY & TEMPERATURE METER WITH PROBE	EMS082K160939 / BL-0284	CC28792100003927F	16-Aug-22

CALIBRATION RESULTS

1. TEMPERATURE @ 50%RH

STD VALUE (REF)	TEST VALUE (DUC)(MEAN)	ERROR	EXPANDED UNCERTAINTY (±)
°C	°C	°C	°C
15.21	15.8	0.59	0.70
30.41	31.2	0.79	0.70
48.62	49.3	0.68	0.70

2. HUMIDITY @ 25°C

STD VALUE (REF)	TEST VALUE (DUC)(MEAN)	ERROR	EXPANDED UNCERTAINTY (±)
%RH	%RH	%RH	%RH
20.41	21	0.59	1.09
60.23	61	0.77	1.09
90.32	92	1.68	1.09

The reported Expanded Uncertainty is calculated at 95.45% Confidence Level with a coverage factor of k = 2.

END OF CERTIFICATE

CALIBRATED BY:

M VIJAY PRABHAKARAN
CALIBRATION ENGINEER

REVIEWED & APPROVED BY:

S JAGATHEESWARI / AVICHI MEIYAPPAN
AUTHORISED SIGNATORY