



# AVM LABS PVT. LTD.

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## CALIBRATION CERTIFICATE

ULR No.: CC20BB22000007130F

CERT No.	: C-22/23-0043-01	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, KIZHAKKAKARA 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-T06

### 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-013	LOCATION	: -

### ENVIRONMENTAL CONDITIONS:

TEMPERATURE :	25.3 °C	HUMIDITY :	57 %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	CC2879211000003927F	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	15.4	0.19	0.70
30.41	30.8	0.39	0.70
48.62	48.9	0.28	0.70

#### 2. HUMIDITY @ 25°C

STD VALUE (REF)	TEST VALUE (DUC)(MEAN)	ERROR	EXPANDED UNCERTAINTY (±)
%RH	%RH	%RH	%RH
20.41	20	-0.41	1.09
60.33	60	-0.23	1.09
90.32	90	-0.32	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. V. J.  
M. VIJAY PRABAKARAN  
CALIBRATION ENGINEER

### REVIEWED & APPROVED BY:

S. JAGATHESWARAN / AVICHI MEYAPPAN  
AUTHORISED SIGNATORY