



# AVM LABS PVT. LTD.

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AVM PVT. LTD. 2018

## CALIBRATION CERTIFICATE

ULR NO.: CC208822000007133F

CERT No.	: C-22/23-0043-04	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, KIZHAKKARA 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-T01

### DETAILS OF DEVICE UNDER CALIBRATION :

NOMENCLATURE	: DIGITAL THERMO METER	RANGE / SIZE	: -50 ~ 110 °C
MANUFACTURER	: APTECDEALS	OPERATING RANGE	: -
MODEL	: AP-IS11A001	INPUT / OUTPUT	: -
TYPE	: K-TYPE	RESOLUTION	: 0.1°C
SERIAL NUMBER	: -	ACCURACY	: -
ID/TAG NO.	: E-016	LOCATION	: -

### ENVIRONMENTAL CONDITIONS:

TEMPERATURE :	22.7 °C	HUMIDITY :	51 %RH
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### MEASUREMENT TRACEABILITY

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

REFERENCE STANDARDS	SERIAL/TAG NUMBER	CERTIFICATE NUMBER	DUE DATE
RTD TEMPERATURE SENSOR (PT-100) 4 WIRE	301057 / BL-0167	C-AVM-IH-21/22-74	09-Sep-22
TEMPERATURE CALIBRATOR	16091609 / BL-0312	TSC/21-22/14644-12	13-Jan-23

### CALIBRATION RESULTS

STD VALUE (REF)	TEST VALUE (DUC) (MEAN)	ERROR	EXPANDED UNCERTAINTY (±)
°C	°C	°C	°C
-19.9	-20.4	-0.5	0.72
-0.1	0.1	0.2	0.72
49.9	50.3	0.4	0.72
69.8	70.5	0.7	0.72
109.8	110.8	1.0	0.72

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

\*\*\*END OF CERTIFICATE\*\*\*

### CALIBRATED BY:

M VUAY PRABHAKARAN  
CALIBRATION ENGINEER

### REVIEWED & APPROVED BY:

S JAGATHESHWARI / AVICHI MEIYAPPAN  
AUTHORISED SIGNATORY

Sales - Repair - Training - Consultancy - Manpower - Testing - Calibration ( Thermal - Optical - Electro Technical - Mechanical Dimensional - Pressure - Mass - Volume - Torque - Force - Speed - Sound - Density - Vibration - Air velocity )