



Certificate No.:
CC - 2147



ELECTRO METER CORPORATION
P- 5, C.I.T ROAD,
KOLKATA - 700014.

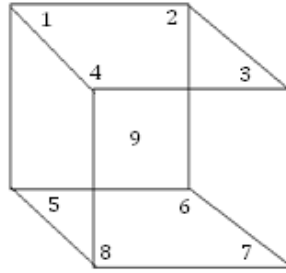
Form No.: FM/22

**CALIBRATION CERTIFICATE OF:
REFRIGERATOR**

CALIBRATION CERTIFICATE NO.: EMC2021-KOL-00033356

ULR NO.: CC214721000026535F

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Position of Sensor

CALIBRATION RESULT

Temp. Set at	Nominal Value on DUC			Corrected Value			Error (°C)	Zone	Expanded Uncertainty (±) (°C)	k factor
	Max (°C)	Min (°C)	Avg (°C)	Max (°C)	Min (°C)	Avg (°C)				
5.5°C	5.5	5.5	5.50	5.11	4.34	4.852	0.648	1	0.62	2.00
				5.31	4.51	4.912	0.588	2		
				5.08	4.33	4.714	0.786	3		
				5.30	4.30	4.884	0.616	4		
				5.11	4.49	4.814	0.686	5		
				5.12	4.39	4.698	0.802	6		
				5.30	4.56	4.952	0.548	7		
				5.29	4.42	4.932	0.568	8		
				5.11	4.52	4.712	0.788	9		

Note: i) Corrected Value = Std Value + Correction, ii) Error = Avg DUC Reading – Avg Corrected Reading.

iii) Average reading obtained from scan time of 5 min, iv) Average of 5 readings had been taken in DUC/Corrected Value.

v) The calibration certificate is issued by Electro Meter Corporation. This certificate refers only for the particular item submitted to calibrate.

vi) The certificate if produced for any purpose commercial or otherwise, should be reproduced in full. Partial production of the certificate or an abstract thereof has to be got specifically approved from the technical and the quality manager of this lab.

vii) The results in the calibration certificate are valid at the time of and under the stated conditions on measurement.

viii) The calibration result is only to be used for scientific & industrial purpose. This result can not be used for commercial purpose.

Stability : 1.00°C & Non Uniformity : 0.254°C

Measurement uncertainty at approx 95 % of confidence level & at a coverage factor : As Per Calibration Result

Remarks: Statement of conformity not mentioned.

DUC- Device Under Calibration

F.S.-Full Scale

Physical status of the DUC: OK

Calibrated by: Kuwar Aman Singh

Date : 20-08-2021

Report Issue Date : 25-08-2021

Technical Assistant
Electro Meter Corporation

Checked & Approved by: Saptarshi Das

Date : 25-08-2021

S. Das
Technical Manager
Electro Meter Corporation

END OF CERTIFICATE