



Certificate No.:  
CC - 2147



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

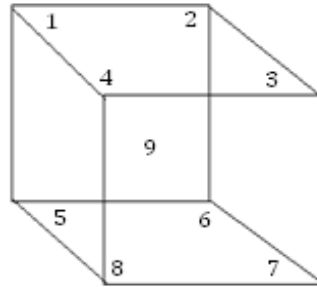
Form No.: FM/22

**CALIBRATION CERTIFICATE OF:  
DEEP FREEZER**

CALIBRATION CERTIFICATE NO.: EMC2021-KOL-00033353

ULR NO.: CC214721000026532F

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**Position of Sensor**

**CALIBRATION RESULT**

Temp. Set at (°C)	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)				
(-)20	-20	-20	-20.0	-18.42	-20.00	-19.270	-0.730	1	0.61	2.00
				-18.83	-19.83	-19.460	-0.540	2		
				-18.82	-19.54	-19.226	-0.774	3		
				-19.03	-19.99	-19.680	-0.320	4		
				-19.17	-20.07	-19.490	-0.510	5		
				-18.47	-19.71	-19.202	-0.798	6		
				-18.45	-19.84	-19.362	-0.638	7		
				-18.51	-19.93	-19.542	-0.458	8		
				-18.49	-20.22	-19.534	-0.466	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 : 1.73°C & Non Uniformity : 0.478°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**