

# CALIBRATION CERTIFICATE

Identification of Instrument: Refrigerator Thermometer	
Make/Model No: SRC450-GL	Serial no: 31667180103846
Calibration Done on: 21-08-2020	Calibration Due Date: 20-08-2021
Reference Standard: Calibrated Thermometer	
Make/Model No: Mextech/Multi Thermometer	Serial no: M20883268
Calibration Done on: 15-03-2020	Calibration Due Date: 15-03-2021
Calibrated For: District Hospital, Agra	
Certificate no: 213(01)/TG/0320	

Temp. of Ref Thermometer	2°C	4°C	6°C	8°C
S. No.	Temp. reading of Device	Temp. reading of Device	Temp. reading of Device	Temp. reading of Device
1	2.07	4.15	6.26	8.41
2	2.06	4.16	6.32	8.33
3	2.08	4.14	6.23	8.38
4	2.09	4.17	6.25	8.59
<b>Avg</b>	<b>2.075</b>	<b>4.155</b>	<b>6.265</b>	<b>8.4675</b>

**Calibration Result:**

SN.	Scale	Standard Value	Device Value (Avg)	Correction
1	Degree Celcius	2	2.07	0.09
2	Degree Celcius	4	4.15	0.15
3	Degree Celcius	6	6.26	0.26
4	Degree Celcius	8	8.46	0.46

Reference: SMILE Johns Hopkins University Baltimore, MD USA

*Shashank Yadav*  
 Calibration Done By  
 Mr. Shashank Yadav  
 POCT Services

*22/08/2020*  
 Name & Signature  
 Lab Incharge

सिपेट : इंस्टीट्यूट ऑफ प्लास्टिक्स टेक्नोलॉजी (आई.पी.टी.)  
CIPET : INSTITUTE OF PLASTICS TECHNOLOGY (IPT)  
(रसायन एवं पेट्रोसायन विभाग)  
(Department Of Chemicals & Petrochemicals)



CIPET सिपेट  
probe • perform • practice • Plastics

(रसायन एवं उर्वरक मंत्रालय, भारत सरकार)  
(Ministry Of Chemicals & Fertilizers, Govt. of India)  
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CC-2745

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अंशांकन प्रमाण पत्र / Calibration Certificate

ULR No. : CC274520000001506F

CERTIFICATE NO. :	213(01)/TG/0320	SHEET 1 OF 1
CALIBRATION OF :	Digital Thermometer	
CALIBRATED ON :	15.03.2020	CALIBRATION DUE: 15.03.2021

1. Calibrated for : M/S UHM  
Kanpur
2. Service Request No. & date : .....
3. Identification of Device Under Calibration (DUC) :
  - a) Range : -50 to 300 °C
  - b) Least Count : 0.1 °C
  - c) Calibrated Range : 2 to 8 °C
  - d) Make/Model : MEXTECH / Multi thermometer
  - e) Serial No. : M20883268
  - f) Location : UHMDH/PP/TM-01



4. Standard & Major equipment(s) used for calibration :

Standard(s)	Range/Leastcount	Limit of Accuracy/ Uncertainty in meas.	Traceability/ Validity
PRT Sensor with Digital Indicator & Low Temperature Bath	-40 to 600 °C 0.001 °C	(+/-) 0.34 °C	16(01)/TC/0519 12.05.2020

5. Environmental Condition(s) : Temperature : 23±2°C Relative Humidity: 50±10%
6. Calibration Procedure: CCC/CP-T/01

7. Calibration Result:

Sl. No.	Scale	DUC Value	Std. Value (Avg)	Correction
a.	°C	2	2.2142	0.2142
b.	°C	5	5.3248	0.3248
c.	°C	8	8.2508	0.2508

\*\*Expanded Uncertainty of measurement = ± 0.37 °C  
with coverage factor k=2 at 95.45 % of confidence level.

8. Inference :

- (a) The correction is positive except when indicated otherwise, it has to be algebraically added to the DUC value in order to get actual value.
- (b) The calibration certificate shall not be reproduced except in full without written approval of laboratory .
- (c) The above result related only to the instrument submitted in as received condition .
- (d) The above values are reported as such and may be taken accordingly whenever in use.
- (e) Label affixed on device

Checked by

Approved by  
Authorized Signatory

VIVEK KUMAR  
Sr. Technical Officer  
(Quality Manager)