

# CALIBRATION CERTIFICATE

Identification of Instrument: Refrigerator Thermometer 1			
Make/Model No:	SRC500-GL	Serial no:	31853171200186
Calibration Done on:	24-08-2020	Calibration Due Date:	23-08-2021
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 Combined Hospital, Pathology Lab, Kaushambi			
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	2.01	4.02	6.14	8.21
2	2.02	4.03	6.16	8.25
3	2.03	4.04	6.11	8.21
4	2.04	4.03	6.12	8.31
Avg	2.025	4.03	6.1325	8.245

**Calibration Result:**

SN.	Scale	Standard Value	Device Value (Avg)	Correction
1	Degree Celcius	2	2.02	0.02
2	Degree Celcius	4	4.03	0.03
3	Degree Celcius	6	6.13	0.13
4	Degree Celcius	8	8.24	0.24

Reference: SMILE Johns Hopkins University Baltimore, MD USA

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



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)  
बी-२७, अमौसी इण्डस्ट्रियल एरिया, लखनऊ-२२६ ००८  
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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)