

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



CIPET सि पेट
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(रसायन एवं उर्वरक मंत्रालय, भारत सरकार)
 (Ministry Of Chemicals & Fertilizers, Govt. of India)

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CC2745

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अंशांकन प्रमाण पत्र / Calibration Certificate

ULR No. : CC27452000001168F

CERTIFICATE NO. :	194(2)/TG/0220	SHEET 1 OF 1
CALIBRATION OF :	Digital Thermometer	
CALIBRATED ON :	27.02.2020	CALIBRATION DUE: 27.02.2021

- Calibrated for : M/S TB Hospital
Lucknow
- Service Request No. & date :
- Identification of Device Under Calibration (DUC) :
 - Range : -50 to 300 °C
 - Least Count : 0.1 °C
 - Calibrated Range : 2 to 8 °C
 - Make/Model : MEXTECH / Multi thermometer
 - Serial No. : TB/TM-02
 - Location : ---

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

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

7. Calibration Result:

Sl. No.	Scale	DUC Value	Std. Value (Avg)	Correction
a.	°C	2	1.8864	-0.1136
b.	°C	5	4.8834	-0.1166
c.	°C	8	8.0038	0.0038

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

8. Inference :

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

Checked by

Approved by
 Authorized Signatory
VIVEK KUMAR
 Sr. Technical Officer
 (Quality Manager)