



Accumen Calibration Laboratory Pvt Ltd.

(Calibration Division)

B-20, Hanumant Vihar, Naubasta, Kanpur Nagar-208021 (U.P)

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CC-3513

CALIBRATION CERTIFICATE

Format No.: 7.8F-01

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| | |
|---|---|
| ULR No. : CC351323000000473F | Certificate No. : ACL/004373 |
| CUSTOMER NAME & ADDRESS:- M/s. Photon Super Speciality Hospital and Trauma centre. Kashipur Road Rampur Doraha Opp. Radha Swami Satsang Bhawan Moradabad (U.P)-244001. | Service Request No : 0321 |
| | Service Request Date. : 28-02-2023 |
| | Date of Receipt of UUC : 01-03-2023 |
| | Date of Calibration : 01-03-2023 |
| | Sugg. Due Date By Customer : 28-02-2024 |
| | Date of Issue : 02-03-2023 |

ITEM'S DESCRIPTION & IDENTIFICATION

| | |
|-------------------------------------|---------------------------|
| Instrument Name : GLASS THERMOMETER | Range/Size : 94 to 108 °F |
| Make : Hicks | Least Count : 1 °F |
| Model No. : --- | Visual Inspection : OK |
| Serial No. : --- | Location : --- |
| Party ID Mark : GT-01 | |

| | |
|--------------------------------|---------------------------------------|
| ENVIRONMENTAL CONDITIONS | Calibration Procedure : TCP-05 |
| Temperature : (25 ± 3) °C | Reference Standard : IS :6274, 2480 |
| Relative Humidity : (60 ± 15)% | Calibration Performed at : Laboratory |

| | | | | |
|---|---------------|----------------------------------|------------------------------|------------|
| MAJOR EQUIPMENT USED | | | | |
| Nomenclature | Range | Serial/Ident. No. | Traceability Certificate No. | Valid upto |
| Digital Thermometer with 4 wire RTD Sensor | -80 to 300 °C | 211668964/22000027 ACL/MTI/02 | TSC/21-22/16764-1 | 22-02-2023 |

CALIBRATION RESULT

| Nominal Value in °DUC | | Observed Value in STD | | Error (±) | Uncertainty of Measurement (±) |
|-----------------------|---------|-----------------------|---------|-----------|--------------------------------|
| (in °F) | (in °C) | (in °C) | (in °F) | | |
| 94 | 34.444 | 34.461 | 94.03 | -0.03 | 0.60 |
| 96 | 35.556 | 35.567 | 96.02 | -0.02 | 0.60 |
| 98 | 36.667 | 36.694 | 98.05 | -0.05 | 0.60 |
| 100 | 37.778 | 37.806 | 100.05 | -0.05 | 0.60 |
| 104 | 40.000 | 40.067 | 104.12 | -0.12 | 0.60 |
| 108 | 42.222 | 42.339 | 108.21 | -0.21 | 0.60 |

Remarks:

- Note :
1. DUC = Device Under Calibration, UUC=Unit Under Calibration
 2. Expanded uncertainty of measurement at approx 95% confidence level for coverage factor(k)=2
 3. This Certificate refers only to the particular items submitted for calibration.
 4. Suggested next due date of calibration is given as requested by customer.
 5. DUC has been calibrated against lab standards are traceable to national & international standards.
 6. The result reported in this certificate are valid at the time of and under the stated conditions of Measurement.
 7. This certificate shall not be reproduced, except in full, without permission of CEO, Accumen Calibration Laboratory Pvt. Ltd, Kanpur (U.P.)

Satendra Singh
(Calibrated By)



Jaysagar Yadav
(TM/QM)

End of Report