

A-ONE ENTERPRISE

CALIBRATION & VALIDATION SERVICES

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TEST CERTIFICATE

DIGITAL THERMOMETER

Client Name : **MULJIBHAI PATEL UROLOGICAL HOSPITAL**
Dr. Virendra Desai Road,
Nadiad, 387001, Gujarat (India)

Identification No. : MPUH/M/DTI/02	Certificate No. : AE/22-23/MPUH/M/DTI/02	
Department : MAINTENANCE	Make : MEXTECH	
Location : MAINTENANCE	Range : -50 to 300 °C	Resolution : 0.1 °C
Type of Sensor : DIGITAL	Date of Calibration : 09/02/2022	
Acceptance Criteria : ± 1 °C	Suggested Due Date : 08/02/2023	

Details of Instrument used for Calibration (Master Calibrator)

Nomenclature	Make/Sr. No.	Range	Certificate No. & Calibration Date	Traceable to	Cal. Due Date
DIGITAL THERMOMETER WITH SENSOR	YUDIAN / AL-5600	RTD (PT-100) -30 TO 400 °C T/C "K" TYPE Ambient to 1350	NCS/407 (CC252921000004833P) 26/11/2021	NABL	25/11/2022

OBSERVATIONS:

Sr. No.	Set Point in Temp. Bath in °C	Reading of Test Instrument in °C	Reading of Master Digital Thermometer in °C	Absolute Error in °C	REMARK
1	-20.0	-20.0	-19.77	-0.23	PASS
2	0.0	0.1	0.31	-0.21	PASS
3	50.0	50.2	50.45	-0.25	PASS
4	100.0	100.1	100.34	-0.24	PASS
5	200.0	200.1	200.36	-0.26	PASS
6	300.0	300.0	300.25	-0.25	PASS

- These results are obtained at the time of calibration.
- Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- Environment condition during calibration: 25 ± 2 °C, 40 to 60 % RH.
- The uncertainties are for a confidence probability of not less than 95 % with coverage factor k=2.
- Our masters are directly calibrated through NABL accredited calibration laboratory having direct traceability with National / International Standard.
- Reference Calibration SOP No. : AE/CAL/006

Remark : This is certified that above tested Instrument is within specified Accuracy Limit.

For, A-One Enterprise	For, Muljibhai Patel Urological Hospital
Calibrated By :	Checked By
	