



# MATOSHREE INSTRUMENTS™

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## Calibration Certificate Glass Thermoameter

Certificate No: MI 2012004

Service Requested by:	PGM Diagnostic	Request Date:	08.12.2020
	Shop No. 41/42, G- Wing,	Received on:	08.12.2020
	Gokul Nagari -II, W.E. Highway, Dattani Road, Kandivali - East, Mumbai - 400101	Physical Condition:	Good

### Details of Instrument/Unit Under Calibration (UUC)

Instrument Name:	Glass Thermometer	Calibration Date:	08.12.2020
Manufacturer:	Domple	Calibration Due Date:	07.12.2021
Model:	-	Calibrated at:	Lab
Serial No.:	-		
Id. No.	-		

### Ambient Conditions

Temperature	25.4 ± 2 °C	Relative Humidity	53.6 %RH ± 5 %RH
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### Calibration Specifications

Parameters	Range	Least Count.	Accuracy	Calibration Set Point
Temperature	-10 to 110 °C	1 °C	± 2 °C	0, 25, 50, 100 °C

### Reference Standards Used

Equipment Type	Serial No./Id. No.	Make	Certificate No.	Cal. Date	Due Date
RTD PT-100 Sensor	MI-002	MI	QATM-20070078	07.07.2020	06.07.2021
Digital Multimeter	MI-017	Rishabh	QATM-20070080	07.07.2020	06.07.2021

Calibration Procedure: Glass Thermometer is calibrated by comparison with standards.

### Observation : Parameter : Temperature

Set Point °C	UUC Readings °C	Standard Readings °C	Deviation °C	Uncertainty °C
0	0	0.2	-0.2	±0.5
25	25	25.2	-0.2	
50	49	49.5	-0.5	
100	99	99.9	-0.9	

#### Note:

UUC: Unit under calibration  
Uncertainty has been calculated for a coverage factor k=2 corresponding to approximately 95% Confidence Level

The Standard maintained are traceable to National/ International Standard through accredited Laboratories. The observations reported represent values at the time of the measurements and under the stated condition. They do not convey any long term stability information.

Authorized By: \_\_\_\_\_

Name: \_\_\_\_\_

END OF REPORT

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