



MATOSHREE INSTRUMENTS™

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Calibration Certificate

Refrigerator

Certificate No: MI 2012002

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:	Refrigerator	Calibration Date:	08.12.2020
Manufacturer:	LG	Calibration Due Date:	07.12.2021
Model:	--		
Serial No.:	--		
Id. No.	--	Calibrated at:	Site

Ambient Conditions

Temperature	25.3 ± 2 °C	Relative Humidity	54.3 %RH ± 5 %RH
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Calibration Specifications

Parameters		Range (Limit)	
Temperature	Deep Freezer	≥ -10 °C	
	Freeze	2 to 8°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: Refrigerator is calibrated by comparison with standards.

Observation : Parameter : Temperature

Location	UUC	Standard readings	Uncertainty
		°C	°C
Deep Freezer	Trey-1	-16.5	±0.5
	Trey-1	2.9	
Freeze	Trey-2	4.3	
	Trey-3	4.8	
	Trey-4	5.6	

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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