

CALIBRATION CERTIFICATE

SUBJECT: CALIBRATION OF REFRIGERATOR	CERTIFICATE NO.: ML/THE/0919/02/2022-23	
	Certificate Issue Date 19/03/2023	Page 1 of 1

- | | |
|--|--|
| <p>1. Scope</p> <p>1.1 Service Request Details</p> <p>1.1.1 Service Request No.</p> <p>1.1.2 Service Request Finalized On</p> <p>1.1.3 Unique Lab Report Number (ULR No.)</p> <p>1.1.4 Discipline / Group</p> <p>1.1.5 Name & Address of Organization</p> | <p>Calibration
ML/0919/22-23
16/03/2023
CC266423000007094F
Thermal / Temperature
HEER LAB
116-120, National Plaza, Opp. Ayurvedic College, Above Kabir
Restaurant, Station Road, Surat, Gujarat, India, 395003.</p> |
|--|--|



- 1.2 **Item Details**
- 1.2.1 **Condition of the Item** Working

1.2.2 Nomenclature	Refrigerator		
Manufacturer	SAMSUNG	Model No.	SR-34 EMB
ID No.	Refrigerator-02	Sr.No.	---
Range	2 to 8 °C	Type	Digital
Least Count	1 °C	Accuracy	---
Department	---	Location	PATHOLOGY OFFICE

- 1.3 **Item Received On** Dt. 17/03/2023 Onsite

- 1.4 **Details of Test Equipments Used**

Instrument Name	UID No.	Certificate No.	Make	Due Date
RTD Sensor With Read Out	ML/RTD/005 & ML/MPC/001	ML/THE/838/1/2022-23	Sens.:----- / Indi.: Fluke	02/06/2023

- 1.4.1 **Operating Procedures Used:** ML/SOP/THE/006
- 1.4.2 **Reference Standard:** DKD-R5-7
- 1.5 **Date of Calibration:** 17-March-2023
- 1.6 **Recommended Due Date of Calibration:** 16-March-2024

- 1.7 **OBSERVATIONS:**

- 1.7.1 **Site Ambient:** Temperature: 25.5 °C (25±10) Humidity: 51 %RH (50±20)
- 1.7.2 **Parameter:** Temperature (°C)


CALIBRATION RESULTS					
Sr. No.	Calibration Point	Set Value on IUC (A)	Measured Value on Master (B)	Error (A - B)	(±) Expanded Uncertainty
1	2.00	2	1.98	0.02	0.403 °C
2	5.00	5	4.95	0.05	0.403 °C
3	8.00	8	7.91	0.09	0.403 °C

Note: The value mentioned above is the mean of 3 readings.

- 1.8 **General Remarks:**

- The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor k=2, which corresponds to a coverage probability of approximately 95.45% for a normal distribution.
- Uncertainty to be calculated at Max Error / Full Range of IUC
- Any anomalies/Discrepancies in the certificate should be brought to our notice within 30 days from the date of issue Certificate.
- IUC* (Instrument Under Calibration)
- The Measurements are metrologically traceable to applicable national /International Standards.
- Any hand written corrections (except @) or photocopies of the report invalidates this certificate.
- The results related to the item calibrated.

Calibrated By: Ashvin Patel, Calibration Engineer

<p>Ranjit Rohit / Hitesh Patel Technical Director / Quality Manager</p> 	<p>AUTHORISED SIGNATORY</p>
--	------------------------------------

*** End of Certificate ***

Doc. No. Form-21, Amend. 05 Dt.. 01-01-2022