



Certificate No.: TC/22/9658-01

Page 1 of 3

ULR-CC234422000025000F

CALIBRATION CERTIFICATE

- Name & Address of the Customer** : M/s. Sheeraksha Labs Private Limited.,
#46, 17th Cross, Margosa Road, Malleswaram,
Bangalore-560003
- Customer Reference**
Service Request No. : 9658
Date of Receipt : 12 September 2022
Date of Issue : 15 September 2022
- Details of Device Under Calibration (DUC)**
Nomenclature : Refrigerator
Make : LG
Model : GL-185/2008/Direct Cool
Serial No. : ---
ID No. : SRL/RG-01
Location : 2nd Floor
DUC Condition : Satisfactory
SOP Number : TC/SOP/109
No. of Pages : 3
Calibration Date : 12 September 2022
Calibration Due : 11 September 2023
Calibration Done At : ONSITE
- Environmental Conditions**
Temperature : 25 ± 4 °C Humidity : 30-75 % Rh
- Standards Used for Calibration (STD)**

Sl. No.	Nomenclature	Serial No.	Traceable to	Certification No.	Validity
1	RTD Sensors with Paperless Recorder	031 to 048 / VR-020651	TestCAL	TC/22/328-02	24 July 2023

6. Note

- The Standard and equipments used for the calibration are Traceable to National / International Standards
- Any error in this Certificate must be brought to the knowledge of TestCal within 30 days of issue.
- Results reported are valid at the time of & under the stated conditions of measurement

Calibrated by

Santhosh J
Calibration Engineer

Authorized by

Srikanth G
Chief Operating officer



Certificate No.: TC/22/9658-01

Page 2 of 3

ULR-CC234422000025000F


7. Results:

Range: 2 to 8°C, Freezer : -20°C

Working Range : 2 to 8 °C


Date	Time	Freezer Std Sensors Reading in (°C)		Refrigerator Std Sensors Reading in (°C)		
		1	2	3	4	5
12-09-2022	11:25:00 AM	-19.8	-19.7	4.2	4.4	4.4
12-09-2022	11:26:00 AM	-19.8	-19.7	4.2	4.4	4.4
12-09-2022	11:27:00 AM	-19.8	-19.7	4.2	4.4	4.4
12-09-2022	11:28:00 AM	-19.9	-19.7	4.1	4.4	4.4
12-09-2022	11:29:00 AM	-19.9	-19.7	4.1	4.4	4.4
12-09-2022	11:30:00 AM	-19.9	-19.9	4.1	4.4	4.4
12-09-2022	11:31:00 AM	-19.9	-19.9	4.1	4.4	4.4
12-09-2022	11:32:00 AM	-19.8	-19.9	4.1	4.4	4.4
12-09-2022	11:33:00 AM	-19.8	-19.9	4.1	4.4	4.4
12-09-2022	11:34:00 AM	-19.9	-19.9	4.1	4.3	4.4
12-09-2022	11:35:00 AM	-19.9	-19.8	4.1	4.3	4.3
12-09-2022	11:36:00 AM	-19.9	-19.8	4.2	4.3	4.3
12-09-2022	11:37:00 AM	-19.9	-19.8	4.2	4.3	4.3
12-09-2022	11:38:00 AM	-19.8	-19.8	4.2	4.3	4.3
12-09-2022	11:39:00 AM	-19.8	-19.8	4.2	4.3	4.3
12-09-2022	11:40:00 AM	-19.8	-19.8	4.2	4.3	4.3
12-09-2022	11:41:00 AM	-19.9	-19.8	4.2	4.3	4.3
12-09-2022	11:42:00 AM	-19.9	-19.8	4.2	4.3	4.3
12-09-2022	11:43:00 AM	-19.9	-19.8	4.1	4.3	4.3
12-09-2022	11:44:00 AM	-19.9	-19.9	4.2	4.3	4.3
12-09-2022	11:45:00 AM	-19.9	-19.9	4.2	4.4	4.3
12-09-2022	11:46:00 AM	-19.9	-19.9	4.2	4.4	4.3
12-09-2022	11:47:00 AM	-19.8	-19.9	4.1	4.4	4.3
12-09-2022	11:48:00 AM	-19.8	-19.8	4.3	4.4	4.2
12-09-2022	11:49:00 AM	-19.8	-19.8	4.3	4.4	4.2
12-09-2022	11:50:00 AM	-19.8	-19.8	4.4	4.4	4.2
12-09-2022	11:51:00 AM	-19.9	-19.9	4.4	4.4	4.3
12-09-2022	11:52:00 AM	-19.9	-19.9	4.4	4.4	4.3
12-09-2022	11:53:00 AM	-19.9	-19.9	4.4	4.4	4.3
12-09-2022	11:54:00 AM	-19.9	-19.8	4.4	4.4	4.3
12-09-2022	11:55:00 AM	-19.9	-19.8	4.5	4.4	4.3
12-09-2022	11:56:00 AM	-19.9	-19.9	4.5	4.4	4.4
12-09-2022	11:57:00 AM	-19.9	-19.9	4.5	4.4	4.4
Average:		-19.9	-19.8	4.2	4.4	4.3
Max Temp:		-19.8	-19.7	4.5	4.4	4.4
Min Temp:		-19.9	-19.9	4.1	4.3	4.2

Calibrated by


Santhosh J
Calibration Engineer



Authorized by

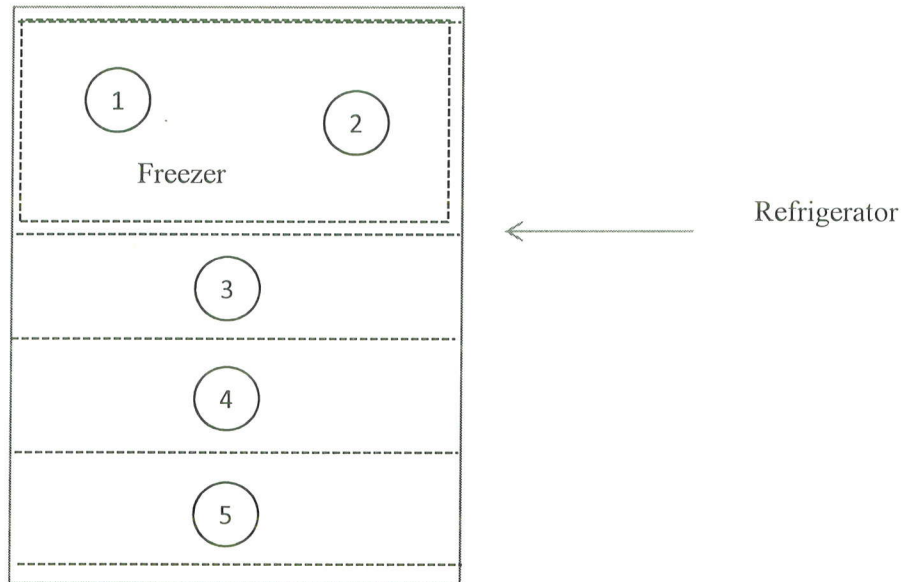

Srikanth G
Chief Operating officer



Certificate No.: TC/22/9658-01
ULR-CC234422000025000F

Page 3 of 3

8. Pictorial Representation of Sensors Placement in Refrigerator



Note: Stability of a Refrigerator is found to be ± 0.4 °C
Expanded Uncertainty is ± 1.2 °C

9. Conclusion Remarks:

- 1 Measurement Uncertainty reported is at 95.45% confidence level with $k = 2$.
- 2 Calibration points were selected as per customer specifications.

Calibrated by


Santhosh J
Calibration Engineer



Authorized by


Srikanth G
Chief Operating officer