TestCAL

CC-2344

No. 35, 1st Floor, S K Tower, 11th Cross, Vyalikaval, Malleswaram, Bengaluru - 560 003.

ISO/IEC 17025 Accredited Calibration Laboratory by NABL vide Certificate Number CC-2344

Certificate No.: TC/22/9539-02
ULR-CC234422000021566F

CALIBRATION CERTIFICATE

1. **Name & Address of the Customer** : M/s. **Sheeraksha Labs Private Limited.,**
#46, 17th Cross, Margosa Road, Malleswaram,
Bangalore-560003

2. **Customer Reference**

Service Request No.	:	9539
Date of Receipt	:	30 July 2022
Date of Issue	:	01 August 2022

3. **Details of Device Under Calibration (DUC)**

Nomenclature	:	Refrigerator
Make	:	Elampro
Model	:	ECG-400
Serial No.	:	J27401001190009
ID No.	:	----
Location	:	Sheeraksha Labs Private Limited 3rd Floor
DUC Condition	:	Satisfactory
SOP Number	:	TC/SOP/109
No. of Pages	:	3
Calibration Date	:	30 July 2022
Calibration Due	:	29 July 2023
Calibration Done At	:	ONSITE

4. **Environmental Conditions**
Temperature : 25 ± 4 °C Humidity : 30-75 % Rh

5. **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/21/106-04	25 August 2022

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

Calibrated by
Vignesh GS
Calibration Engineer

TestCal Bangalore Ph: 080 41171984 ACalibrationLab

Authorized by
Srikanth G
Chief Operating officer

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7. **Results:**

Range: 1 to 10 °C
Working Range : 2 to 8 °C

Date	Time	ezer Std Sensors Reading in (		Refrigerator Std Sensors Reading in (°C)		
		1	2	3	4	5
30-07-2022	11:45:00 AM	5.9	5.9	6.0	6.2	6.2
30-07-2022	11:46:00 AM	5.9	5.9	6.0	6.2	6.2
30-07-2022	11:47:00 AM	5.9	5.9	6.0	6.2	6.2
30-07-2022	11:48:00 AM	5.9	5.9	5.9	6.2	6.2
30-07-2022	11:49:00 AM	5.9	5.9	5.9	6.2	6.2
30-07-2022	11:50:00 AM	5.9	5.9	5.9	6.2	6.2
30-07-2022	11:51:00 AM	5.9	5.9	5.9	6.2	6.2
30-07-2022	11:52:00 AM	5.9	5.9	5.9	6.2	6.2
30-07-2022	11:53:00 AM	5.9	5.9	5.9	6.2	6.2
30-07-2022	11:54:00 AM	5.8	5.9	5.9	6.1	6.2
30-07-2022	11:55:00 AM	5.8	5.8	5.9	6.1	6.1
30-07-2022	11:56:00 AM	5.8	5.8	6.0	6.1	6.1
30-07-2022	11:57:00 AM	5.8	5.8	6.0	6.1	6.1
30-07-2022	11:58:00 AM	5.8	5.8	6.0	6.1	6.1
30-07-2022	11:59:00 AM	5.8	5.8	6.0	6.1	6.1
30-07-2022	12:00:00 PM	5.8	5.8	6.0	6.1	6.1
30-07-2022	12:01:00 PM	5.8	5.8	6.0	6.1	6.1
30-07-2022	12:02:00 PM	5.8	5.8	6.0	6.1	6.1
30-07-2022	12:03:00 PM	5.8	5.8	5.9	6.1	6.1
30-07-2022	12:04:00 PM	5.8	5.8	6.0	6.1	6.1
30-07-2022	12:05:00 PM	5.9	5.8	6.0	6.2	6.1
30-07-2022	12:06:00 PM	5.9	5.8	6.0	6.2	6.1
30-07-2022	12:07:00 PM	5.9	5.8	5.9	6.2	6.1
30-07-2022	12:08:00 PM	5.9	5.7	6.1	6.2	6.0
30-07-2022	12:09:00 PM	5.9	5.7	6.1	6.2	6.0
30-07-2022	12:10:00 PM	5.9	5.7	6.2	6.2	6.0
30-07-2022	12:11:00 PM	5.9	5.8	6.2	6.2	6.1
30-07-2022	12:12:00 PM	5.9	5.8	6.2	6.2	6.1
30-07-2022	12:13:00 PM	5.9	5.8	6.2	6.2	6.1
30-07-2022	12:14:00 PM	5.9	5.8	6.2	6.2	6.1
30-07-2022	12:15:00 PM	5.9	5.8	6.3	6.2	6.1
30-07-2022	12:16:00 PM	5.9	5.9	6.3	6.2	6.2
30-07-2022	12:17:00 PM	5.9	5.9	6.3	6.2	6.2
	Average:	**5.9**	**5.8**	**6.0**	**6.2**	**6.1**
	Max Temp:	**5.9**	**5.9**	**6.3**	**6.2**	**6.2**
	Min Temp:	**5.8**	**5.7**	**5.9**	**6.1**	**6.0**

Calibrated by

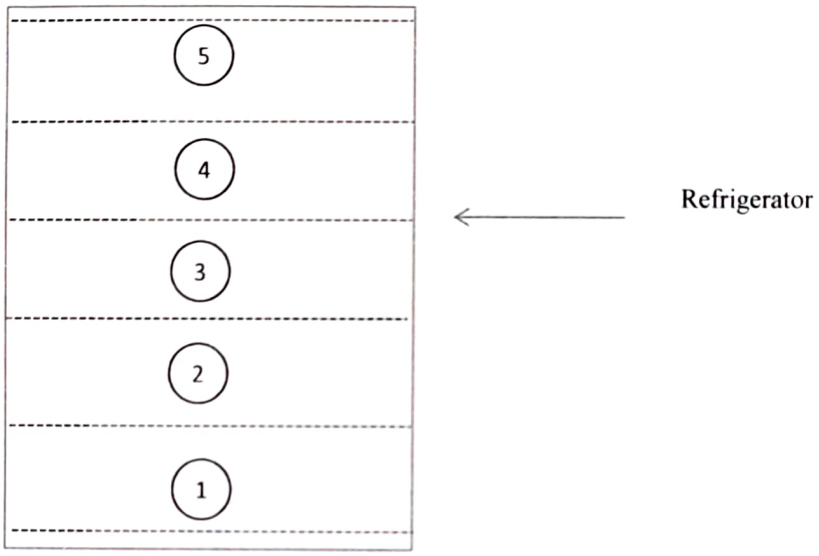
Vignesh GS
Calibration Engineer

TestCal ★ Bangalore Ph: 080 41171984 ★ ACalibrationLab

Authorized by

Srikanth G
Chief Operating officer

8. Pictorial Representation of Sensors Placement in Refrigerator



Note:	Stability of a Refrigerator is found to be	±	0.4	°C
	Expanded Uncertainity 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.

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