



COMMITTED TO THE
CUSTOMER SINCE - 1996

VAIDYANATHESHWARA INSTRUMENTS

CERTIFICATE OF CALIBRATION



No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.

Contact : 080-23377266, Mob : 9986586789 / 9448080177 / 9964308118 | Email : info@viplgroup.com Web : www.viplgroup.com

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

Page: 1 of 2

1 Name and Address of the Customer

M/s. Sri Spectra Diagnostic and Clinic.,
2nd Main Near DLF Yelenahalli Road 50 Feet Road,
Akshaya Nagar, Begur Post, Bangalore - 560 068.

2 Customer Reference

2.1 ULR No. : CC247321500036803F
2.2 Format No. : VI-FRM-TH-006
2.3 SRF No. : 0625
2.4 Certificate No. : VI/21-22/0625-02
2.5 Date of Issue : 14/07/2021

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Refrigerator
3.2 Make : LG
3.3 Sl. No. : 102NRCQ280363
3.4 Range / Resolution : 2 to 8 °C / 0.1 °C / 0 to -20 °C / 0.1 °C
3.5 DUC Condition : Satisfactory
3.6 Calibration Procedure No. : SOP-38-06
3.7 No. of Pages : 2
3.8 Calibration Date : 13-07-2021
3.9 Calibration Due : 12-07-2022
3.10 Calibration done at : Onsite
3.11 Instrument Location : Laboratory
3.12 Discipline : Thermal

4 Environmental Condition

Temperature 24.1 °C Humidity 54 %Rh

5 Standards Used for Temperature Calibration

Sl. No.	Nomenclature	Make / Model	Sl. No.	Certificate. No.	Validity
1	Precision Thermometer with RTD Sensor	Lutron / TM-917	Q601311	VI/20-21/INT-TH-55	28-08-2021

6 Note:

- The Calibration Certificate relates only to the above DUC
- Publication or reproduction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of VI.
- Corrections/erasing, invalidate the Calibration Certificate.
- Calibration of the DUC are traceable to National standards/International Standards
- Any error in this Certificate should be brought to our knowledge within 30 days from the date of this Cert.
- Results Reported are valid at the time of and under the stated conditions of measurements
- The usage of NABL Symbol is as per NABL guidelines given in NABL-133

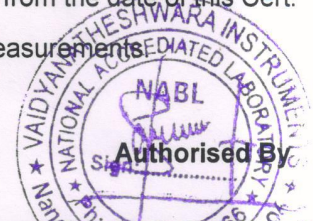
Calibrated By

Mohammed Hashik
(Calibration Engineer)

Checked By

Umesh D

Authorised By



Gangadhar C K



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NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2

Certificate No. VI/21-22/0625-02

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Results:

Range / Resolution : 2 to 8 °C / 0.1°C

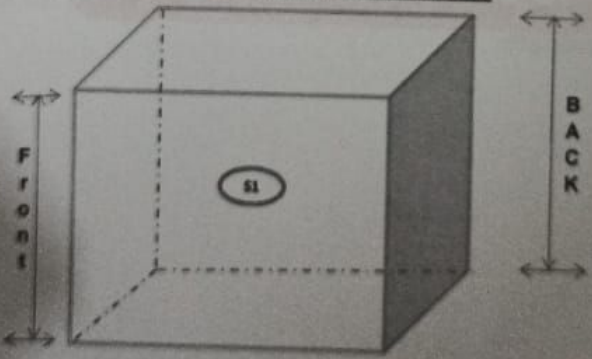
Sl No	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	2.03	2.0	-0.03	1.6	2.0
2	3.08	3.0	-0.08	1.6	2.0
3	4.12	4.0	-0.12	1.6	2.0
4	5.14	5.0	-0.14	1.6	2.0
5	6.21	6.0	-0.21	1.6	2.0
6	8.24	8.0	-0.24	1.6	2.0

Range : 0 to -20 °C

Resolution : 0.1 °C

Sl. No.	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	0.00	0.0	0.00	1.6	2.0
2	-2.02	-2.0	0.02	1.6	2.0
3	-5.12	-5.0	0.12	1.6	2.0
4	-10.32	-10.0	0.32	1.6	2.0
5	-15.17	-15.0	0.17	1.6	1.0
6	-20.21	-20.0	0.21	1.6	2.0

Pictorial Representation of Sensors Placement



Note :

1. S1 indicates Placement of Standard Sensor
2. Calibration done in empty condition.

Conclusion / Remarks:

1 Measurement Uncertainty reported is at 95.45% confidence level with k=2

Calibrated By

 Mohammed Hashik
 (Calibration Engineer)

Checked By

 Umesh D
 (Onsite In-Charge)



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15.2
6.2



SMART
INVERTER
COMPRESSOR
10 YEAR
WARRANTY

POWER SAVINGS
GUIDE

Model	LR-FC20000
Capacity	20.0 cu. ft.
Energy Star Rating	A+++
Annual Energy Consumption (kWh)	100
Estimated Annual Energy Cost (\$)	12.00
Energy Star Partner	Energy Star

LG
AUTO
SMART CONNECT™
Connects to Home Inverter
Automatically
Works Without Stabilizer
100V-310V
Protection Against Fluctuation

Smart
Diagnosis™
Detects Problems
Automatically



Vaidyanatheshwara Instruments



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1 Name and Address of the Customer

M/s.: Sri Spectra Diagnostics.,
Sri Ganapathi Complex, 2nd Main, Akshayanagara,
50 Feet Road, Near DLF Newtown, Yelahalli,
Bangalore - 560 068.

2 Customer Reference

- 2.1 ULR No. : CC247321300003882F
- 2.2 Format No. : VI-FRM-TH-004
- 2.3 SRF.No : 3373
- 2.4 DC No / Date : 001 / 22-09-2021
- 2.5 Certificate No. : VI/21-22/3373-02
- 2.6 Date of Issue : 23-09-2021

3 Details Of Device Under Calibration(DUC).

- 3.1 Nomenclature : Digital Thermometer
- 3.2 Make / Model : --- / ---
- 3.3 Sl.No / Id. No : --- / DTM-02
- 3.4 DUC Condition : Satisfactory
- 3.5 Calibration Ref. Std. : SOP-38-04
- 3.6 No.of Pages : 2
- 3.7 Calibration Date : 23-09-2021
- 3.8 Calibration Due : 22-09-2022
- 3.9 Calibration done at : VI Thermal Lab
- 3.10 Discipline : Thermal

4 Environmental Condition

Temperature 25.2 °C Humidity 51 %Rh

5 Standards Used for Temperature Calibration

Sl. No.	Nomenclature	Make / Model	ID.No.	Certificate. No.	Validity
1	Platinum Resistance Thermometer With Indicator	FLUKE / 5609 (Sensor) & 1524 (Indicator)	03520 (Sensor) & 3028237 (Indicator)	CR/NCAL/51263	27-11-2021
2	Dry Block Calibrator is used as source.				

6 Note:

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- 6.6.Results Reported are valid at the time of and under the stated conditions of measurements.
- 6.7.The usage of NABL Symbol is as per NABL guidelines given in NABL-133

Calibrated By

Checked By

Kiran. R

Umesh.D

(Calibration Engineer)

(Lab In-Charge)





Vaidyanatheshwara Instruments

CERTIFICATE OF CALIBRATION



REGISTERED TO THE
METRIC SYSTEM SINCE - 1996

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NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

Certificate No. VI/21-22/3373-01

Page: 2 of 2

Results:

Calibrated Range / Resolution : -20 to 60 °C / 0.1°C

Sl No	Set Point	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-20	-19.95	-20.3	-0.35	0.18	2.0
2	0	0.02	-0.2	-0.22	0.18	2.0
3	20	20.05	19.8	-0.25	0.18	2.0
4	40	40.07	39.8	-0.27	0.18	2.0
5	60	60.08	59.7	-0.38	0.18	2.0

Conclusion/Remarks:-

1 Measurement uncertainty reported is at 95.45 % confidence level with k=2.

Calibrated By

Kiran. R

(Calibration Engineer)

Checked By

Umesh.D

(Lab In-Charge)





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2 Customer Reference

2.1 ULR No.	: CC247321300003881F
2.2 Format No.	: VI-FRM-TH-004
2.3 SRF No.	: 3373
2.4 DC No / Date	: 001 / 22-09-2021
2.5 Certificate No.	: VI/21-22/3373-01
2.6 Date of Issue	: 23-09-2021

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature	: Digital Thermometer
3.2 Make / Model	: --- / ---
3.3 SI.No / Id. No	: --- / DTM-01
3.4 DUC Condition	: Satisfactory
3.5 Calibration Ref. Std.	: SOP-38-04
3.6 No.of Pages	: 2
3.7 Calibration Date	: 23-09-2021
3.8 Calibration Due	: 22-09-2022
3.9 Calibration done at	: VI Thermal Lab
3.10 Discipline	: Thermal

4 Environmental Condition

Temperature	25.2 °C	Humidity	51 %Rh
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5 Standards Used for Temperature Calibration

Sl. No.	Nomenclature	Make / Model	ID.No.	Certificate. No.	Validity
1	Platinum Resistance Thermometer With Indicator	FLUKE / 5609 (Sensor) & 1524 (Indicator)	03520 (Sensor) & 3028237 (Indicator)	CR/NCAL/51263	27-11-2021
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Results:

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1	-20	-19.95	-20.2	-0.25	0.18	2.0
2	0	0.02	-0.1	-0.12	0.18	2.0
3	20	20.05	19.9	-0.15	0.18	2.0
4	40	40.07	39.8	-0.27	0.18	2.0
5	60	60.08	59.8	-0.28	0.18	2.0

Conclusion/Remarks:-

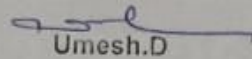
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