



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

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1 Name and Address of the Customer

M/s.: Pooja Diagnostics,
4th Main Rd, Basaveshawara HBCS Layout,
2nd Stage, Chandra Layout, Attiguppe,
Bangalore- 560 040.

2 Customer Reference

2.1 ULR No. : CC247322500016590F
2.2 SRF No. : 3384
2.3 Certificate No. : VI/21-22/3384-01
2.4 Format No. : VI-FRM-TH-006
2.5 Date of issue : 25-02-2022

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Refrigerator
3.2 Make : Samsung
3.3 Id.No. : PD/RF-01
3.4 DUC Condition : Satisfactory
3.5 Calibration Procedure No. : SOP-38-06
3.6 No.of Pages : 2
3.7 Calibration Date : 23-02-2022
3.8 Calibration Due : 22-02-2023
3.9 Calibration done at : Onsite
3.10 Instrument Location : Procedure Room
3.11 Discipline : Thermal

4 Environmental Condition

Temperature 26.4 °C Humidity 54 %RH

5 Standards Used for Temperature Calibration

Sl. No.	Nomenclature	Make / Model	Sl. No.	Cal Agency	Certificate. No.	Validity
1	Paperless Recorder	Brain Child & VR 18	VR-186256	VI, Bangalore	VI/21-22/INT-35-II	01-05-2022
2	RTD Sensor	Frontier & ----	VI-RTD-01 to VI-RTD-02	VI, Bangalore	VI/21-22/INT-TH- 100-01 to VI/21- 22/INT-TH-100-02	18-08-2022

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

F. Pooja
Uday Kumar

(Calibration Engineer)

Checked By

F. Pooja
Umesh D

(Onsite In-Charge)



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Results:

Range : -18 to -22 °C

Resolution: 1 °C

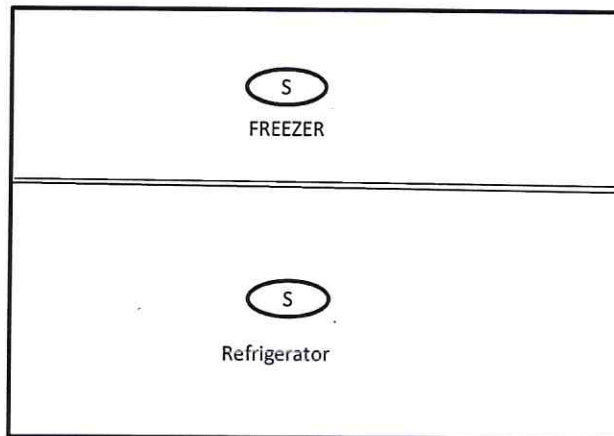
SI No	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-18.1	-18	0.1	1.6	2.0
2	-19.1	-19	0.1	1.6	2.0
3	-20.2	-20	0.2	1.6	2.0
4	-21.2	-21	0.2	1.6	2.0
5	-22.2	-22	0.2	1.6	2.0

Range : 2 to 8 °C

Resolution: 1 °C

SI No	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	2.1	2	-0.1	1.6	2.0
2	4.1	4	-0.1	1.6	2.0
3	6.1	6	-0.1	1.6	2.0
4	7.2	7	-0.2	1.6	2.0
5	8.2	8	-0.2	1.6	2.0

Pictorial Representation of Sensors Placement



Note :

1. S1 Indicates Placement of Standard Sensor

Conclusion / Remarks:

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

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