

## Vaidyanatheshwara Instruments Private Limited

## **CERTIFICATE OF CALIBRATION**



No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096. Ph: 080-23377266, Mob: 9986586789 / 9632221171 / 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.: Central Laboratory, BGS Medical College Hospital.,

Nagarur, Dasanapura Hobli, Bangalore North - 562 123.

2 Customer Reference

2.1 ULR No.

2.2 SRF No.

2.3 Certificate No.

2.4 Format No.

2.5 Date of issue

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature

3.2 Make / Model

3.3 Id.No. / SI. No.

3.4 Range / Resolution

3.5 DUC Condition

3.6 Calibration Procedure No.

3.7 No.of Pages

3.8 Calibration Date

3.9 Calibration Due

3.10 Calibration done at

3.11 Instrument Location

3.12 Discipline

: CC247324500058954F

: 1281

: VI/24-25/1281-01

: VI-FRM-TH-006

: 30-06-2024

: Temperature Indicator with Sensor of Refrigerator

: Bluestar / VC600CD

: BGS/REF-01 / 221108

: 2 to 8 °C / 1°C

: Satisfactory

: SOP-38-06

: 2

: 28-06-2024

: 27-06-2025

: Onsite

: Central Laboratory

: Thermal

4 Environmental Condition

Temperature

23.4 - 25.2°C

Humidity

50 - 60 %RH

**5** Standards Used for Temperature Calibration

SI. No.	Nomenclature	Make & Model	ld. No.	Cal Agency	Certificate No.	Validity
1	Paperless Recorder	Brain Child & PR-20	VI/OS/PR-06	VI, Bangalore	VI/24-25/INT-ET-424	11-10-2024
2	RTD Sensor	Frontier & NA (Type : PT100)	VI-RTD-01	VI, Bangalore	VI/23-24/INT-TH-100-01	12-08-2024

#### 6 Note:

- 6.1. The Calibration Certificate relates only to the above DUC
- **6.2**. 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.
- 6.3. Corrections/erasing, invalidate the Calibration Certificate.
- 6.4. Calibration of the DUC are traceable to National standards/International Standards
- 6.5. Any error in this Certificate should be brought to our knowledge within 30 days from the date of this Cert.
- 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

Rahul

Checked By

Umesh D

(Onsite In-Charge)

**Authorised By** 

Gangadhar.C K

(Calibration Engineer)



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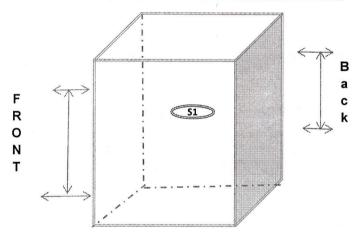
Results:

Range: 2 to 8°C

Reslution: 1°C

SI. No.	STD Reading (°C) DUC Reading (°C) Error Observed (°C) (°C)		Error Observed (°C)	Measurement .Uncertainty ± (°C)	k Factor
1	2.1	2	-0.1	0.732	2.0
2	4.1	4	-0.1	0.732	2.0
3	6.1	6	-0.1	0.732	2.0
4	8.2	8	-0.2	0.732	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 = 2.

Calibrated By

Checked By

**Authorised By** 

Rahul

(Calibration Engineer)

Umesh D

(Onsite In-Charge)

Gangadhar C.K