



CERTIFICATE OF CALIBRATION

COMMITTED TO THE CUSTOMER SINCE - 1996

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

1 Name and Address of the Customer

M/s.: HCLOUD Healthcare Centre,
161B, 6th Main, 3rd Phase,
JP Nagar, Bengaluru - 560 078.

2 Customer Reference

2.1 ULR No : CC247323500097996F
2.2 SRF No. : 3213
2.3 Certificate No. : VI/23-24/3213-02
2.4 Format No. : VI-FRM-TH-006
2.5 Date of issue : 04-12-2023

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Temperature Indicator with sensor of Deep Freezer
3.2 Make : LG
3.3 Id.No. : HHC/DF-01
3.4 Range / Resolution : -18 to -22 °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 : 01-12-2023
3.9 Calibration Due : 30-11-2024
3.10 Calibration done at : Onsite
3.11 Discipline : Thermal
3.12 Instrument Location : Lab

4 Environmental Condition

Temperature 25.5 - 27.2°C Humidity 50 - 60 %RH

5 Standards Used for Temperature Calibration

| Sl. No. | Nomenclature | Make / Model | ID.No | Cal Agency | Certificate. No. | Validity |
|---------|--------------------|---------------------|-------------|---------------|------------------------|------------|
| 1 | Paperless Recorder | Brain Child / PR 20 | VI/OS/PR-10 | VI Bangalore | VI/22-23/INT-ET-426 | 27-03-2024 |
| 2 | RTD Sensor | Frontier & ---- | VI-RTD-01 | VI, Bangalore | VI/23-24/INT-TH-100-01 | 13-02-2024 |

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

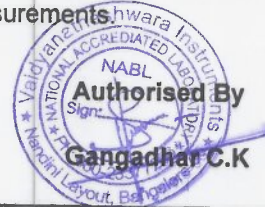
Calibrated By

Checked By

Authorised By

Madhusudhan
(Calibration Engineer)

Umesh D
(Onsite In Charge)





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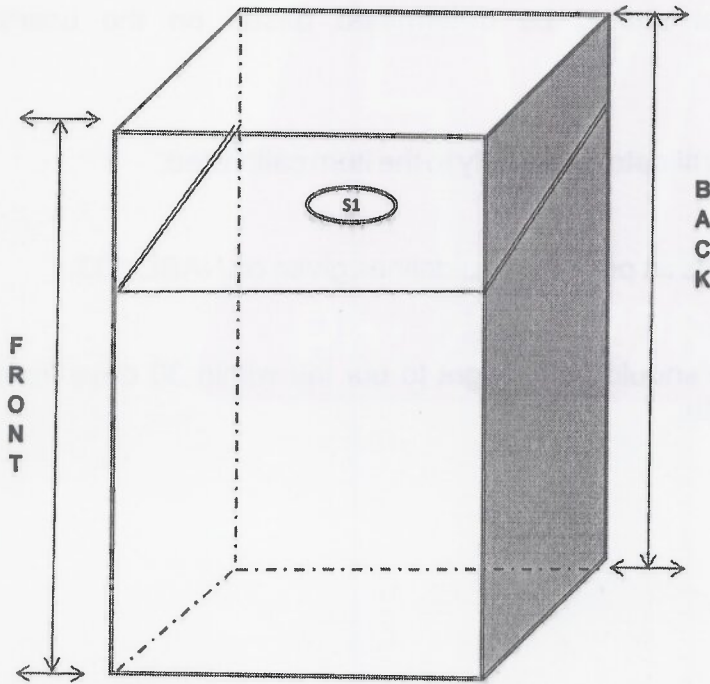
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Results:

Range / Resolution : -18 to -22 °C / 0.1 °C

| Sl.No. | STD Reading (°C) | DUC Set (°C) | Error Observed (°C) | Measurement Uncertainty ± (°C) | k Factor |
|--------|------------------|--------------|---------------------|--------------------------------|----------|
| 1 | -18.0 | -18.0 | 0.0 | 0.732 | 2.0 |
| 2 | -19.0 | -19.0 | 0.0 | 0.732 | 2.0 |
| 3 | -19.9 | -20.0 | -0.1 | 0.732 | 2.0 |
| 4 | -21.9 | -22.0 | -0.1 | 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

Madhusudhan
Madhusudhan
(Calibration Engineer)

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