



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.
Ph : 080-23377266, Mob : 9986586789 / 9632221171 / 9964308118 | Email : info@viplgroup.com Web : www.viplgroup.com



CC-2473

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. DEEPA MRI & DIAGNOSTIC CENTRE
(A unit of DEEPA FORTUNE IMAGING & DIAGNOSTIC PVT LTD)
D5/5717, 5th Main Road , Ashok Nagar , Vivekanand Road,
opp, Niveditha Nursing Home Mandya - 571 401.

2 Customer Reference

2.1 ULR No : CC247324100004928F
2.2 SRF No : 9403
2.3 Certificate No. : VI/23-24/9403-01
2.4 Format No. : VI-FRM-ME-073
2.5 Dc No & Dc Date : Ref Letter & 07-02-2024
2.6 Receipt Date : 08-02-2024
2.7 Date Of Issue : 09-02-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Micro Pipette
3.2 Make : Merilette
3.3 Range : 100 - 1000µl
3.4 SL No : 22207218
3.5 DUC Condition : Satisfactory
3.6 Calibration Procedure No. : SOP-16-71 Based On ISO 8655-6:2022 E
3.7 No.of Pages : 2
3.8 Calibration Date : 09-02-2024
3.9 Calibration Due : 08-02-2025
3.10 Calibration done at : VI Volumetric Lab
3.11 Discipline : Mechanical (Mass & volume)

4 Environmental Condition

Temperature 23.2 - 23.7 °C Humidity 59.3 - 59.8 %RH

5 Standards Used for calibration

Sl. No.	Nomenclature	Make / Model	SL No / ID No	Range	Certificate. No.	Traceability to	Validity
1	Digital Weighing Balance	RADWAG / XA82/220.4Y	551565 / VI/ME/DWB-03	up to 220g	VI/23-24/INT-ME-118	VI Bangalore	13-09-2024
2	E2 Class Weights	LCGC / --	2020136 / VI-ME-E2C-001	1mg to 200g	TYCON/W/07/2023/6 57	TYCON Haryana	04-07-2024

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 Lab..
- 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

Authorized By

Ranjith kumar P
(Calibration Engineer)

P. Santhosh Kumar
(Lab- In-Charge)

Gangadhar C.K





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

Certificate No: VI/23-24/9403-01

Page 2 of 2

Range: 100 - 1000µl

Results:

Range	Cal Point	Volume observed	Expanded Uncertainty ±
	µl	µl	µl
100 - 1000µl	100	100.72	0.26
	500	501.34	2.9
	1000	1004.56	5.8

Note:

1. Visual Inspection : Found Well.
2. Tripple Distilled water is used to Calibrate the MicroPipette.

Conclusion /Remarks:

1. Ref. standard used are traceable to National/International Standard
2. The Expanded Uncertainty of associated with measurement at approximate **95.45%** confidence level with coverage factor k=2

Calibrated By

Ranjith kumar P
(Calibration Engineer)

Checked By

P. Santhosh Kumar
(Lab- In-Charge)

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D5/5717, 5th Main Road , Ashok Nagar , Vivekanand Road,
opp, Niveditha Nursing Home Mandya - 571 401.

2 Customer Reference

2.1 ULR No : CC247324100004929F
2.2 SRF No : 9403
2.3 Certificate No. : VI/23-24/9403-02
2.4 Format No. : VI-FRM-ME-073
2.5 Dc No & Dc Date : Ref Letter & 07-02-2024
2.6 Receipt Date : 08-02-2024
2.7 Date Of Issue : 09-02-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Micro Pipette
3.2 Make. : Erba
3.3 Range. : 10 - 100µl
3.4 SL No . : YE213AS0160455
3.5 DUC Condition : Satisfactory
3.6 Calibration Procedure No. : SOP-16-71 Based On ISO 8655-6:2022 E
3.7 No.of Pages : 2
3.8 Calibration Date : 09-02-2024
3.9 Calibration Due : 08-02-2025
3.10 Calibration done at : VI Volumetric Lab
3.11 Discipline : Mechanical (Mass & volume)

4 Environmental Condition

Temperature 23.5 - 23.9 °C Humidity 57.2 - 57.8 %RH

5 Standards Used for calibration

Sl. No.	Nomenclature	Make / Model	SL No / ID No	Range	Certificate. No.	Traceability to	Validity
1	Digital Weighing Balance	Radwag / XA 82/220.4Y	551565 / VI/ME/DWB-03	up to 220g	VI/23-24/INT-ME-118	VI Bangalore	13-09-2024
2	Digital Weighing Balance	Radwag / MYA5.4Y	544953 / VI/ME/DWB/02	up to 5g	VI/23-24/INT-ME-121	VI Bangalore	13-09-2024
3	E2 Class Weights	LCGC / --	2020136 / VI-ME-E2C-001	1mg to 200g	TYCON/W/07/2023/65 7	TYCON Haryana	04-07-2024

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- 6.7. The usage of NABL symbol is as per NABL guidelines given in NABL-133.

Calibrated By

Ranjith Kumar P
(Calibration Engineer)

Checked By

P. Santhosh Kumar
(Lab- In-Charge)

Authorized By

Gangadhar C.K





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Certificate No: VI/23-24/9403-02

Page 2 of 2

Range: 10 - 100µl

Results:

Range	Cal Point	Volume observed	Expanded Uncertainty ±
	µl	µl	µl
10 - 100µl	10	10.061	0.015
	50	50.45	0.16
	100	100.27	0.26

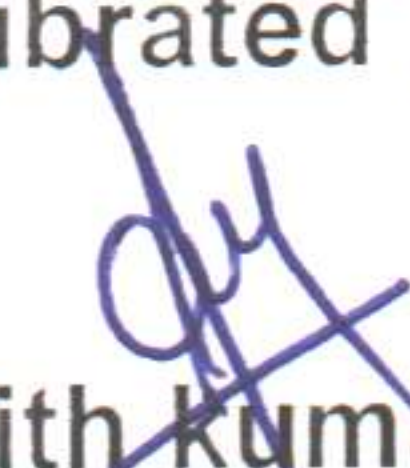
Note:

1. Visual Inspection : Found Okay.
2. Tripple Distilled water is used to Calibrate the MicroPipette.

Conclusion /Remarks:

1. Ref. standard used are traceable to National/International Standard
2. The Expanded Uncertainty of associated with measurement at approximate **95.45%** confidence level with coverage factor k=2

Calibrated By


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(Calibration Engineer)

Checked By


P. Santhosh Kumar
(Lab- In-Charge)

Authorized By


Gangadhar C.K





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Page No.: 1 of 2

1 Name and Address of the Customer

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(A Unit of Deepa Fortune Imaging & Diagnostic Pvt. Ltd.,)
D5/5717, 5th Main Road, Ashoka Nagar, Vivekananda Road,
Opp. Niveditha Nursing Home, Mandya - 571 401.

2 Customer Reference

2.1 ULR No. : CC247324500014187F
2.2 SRF No. : 4245
2.3 Certificate No. : VI/23-24/4245-04
2.4 Format No. : VI-FRM-ME-038
2.5 Date of Issue : 12-02-2024

3 Details Of Device Under Calibration (DUC).

3.1 Nomenclature : Microscope
3.2 Make / Model : LABOMED / LX400
3.3 Sl.No. : 23021467
3.4 Calibration Procedure No./ Ref Doc : SOP-16-34 / ISO 10936-1
3.5 No.of Pages : 2
3.6 Calibration Date : 07-02-2024
3.7 Calibration Due : 06-02-2025
3.8 Calibration Done at : Onsite
3.9 Discipline : Mechanical
3.10 Instrument Location : Lab

4 Environmental Condition

Temperature 22.4 - 24.8 °C Humidity 50 - 55 %RH

5 Standards Used for calibration

Sl. No.	Nomenclature	Make & Model	Sl. No. / ID.No.	Cal Agency	Certificate No.	Validity
1	Steel Gauge Block Set	KCP & M122/1	10748 / VI/ME/SGB/002	VI, Bangalore	VI/23-24/INT-ME- 209-01	03-11-2024

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- 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

[Signature]
Madhusudhan

(Calibration Engineer)

Checked By

[Signature]
Umesh D

(Onsite In-Charge)





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

Certificate No. VI/23-24/4245-04

Page No.: 2 of 2

Results:

A). CALIBRATION OF MAGNIFICATION

SI.No.	NOMINAL VALUE	Standard Slip Gauge Size Used (mm)	Nominal Value (mm)	Observed value	Observed magnification Error in %
1	10 X	10	100	99.98	-0.02%
				99.97	
				99.98	
2	100 X	1	100	99.99	-0.01%
				99.99	
				99.98	

Note:

- Determination of Magnifications of Microscope by Comparison method using Gauge Block Set.

Conclusion:

- Uncertainty of calibration at 95.45 % Confidence level and Coverage Factor $k = 2$:
- Uncertainty of Measurement : ± 0.6 % For Magnification
- The Reported Results are valid only for the conditions of the received instruments/gauges at the time of and under the stated conditions of the calibration stated conditions of the calibration.

Calibrated By

Madhusudhan

(Calibration Engineer)

Checked By

Umesh D

(Onsite In-Charge)

Authorised By

Gangadhar C.K





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D5/5717, 5th Main Road, Ashoka Nagar, Vivekananda Road,
Opp. Niveditha Nursing Home, Mandya - 571 401 .

2 Customer Reference

2.1 ULR No. : CC247324500006254F
2.2 SRF No : 4245
2.3 Certificate No. : VI/23-24/4245-01
2.4 Format No. : VI-FRM-ME-046 & VI-FRM-ET-011
2.5 Date of Issue : 12-02-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Centrifuge
3.2 Make : Electra-BL
3.3 SI.No. : 20220401
3.4 DUC Condition : Satisfactory
3.5 Calibration Procedure No. : SOP-16-42 & SOP-37-11
3.6 No.of Pages : 2
3.7 Calibration Date : 07-02-2024
3.8 Calibration Due : 06-02-2025
3.9 Calibration done at : Onsite
3.10 Instrument Location : Lab
3.11 Discipline : Mechanical, Electro-Technical

4 Environmental Condition

Temperature 25.1 - 26.8°C Humidity 51 - 56 %RH

5 Standards Used for calibration

Sl. No.	Nomenclature	Make / Model	ID.No.	Cal At	Certificate No.	Validity
1	Digital Tachometer	Mextech / DT-2234C	VI/OS/DTCM/01	VI Bangalore	VI/23-24/INT-ME-501	13-10-2024
2	Digital Timer	Selec / TI103	VI/OS/DT-01	VI Bangalore	VI/23-24/INT-DT-01	13-09-2024

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Calibrated By

Rakesh
Rakesh

(Calibration Engineer)

Checked By

Umesh D
Umesh D

(Onsite In Charge)

Authorized By

Gangadhar C K
Gangadhar C K





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Certificate No. VI/23-24/4245-01 Page No: 2 of 2

RPM Results:

Range: 100 to 4000 RPM Resolution: 10 RPM

Sl. No.	Std Reading (RPM)	DUC Reading (RPM)	Error Observed in (RPM)	Measurement Uncertainty in ± (%)	k Factor
1	100.1	100	-0.1	5.833	2.0
2	300.4	300	-0.4		2.0
3	500.7	500	-0.7		2.0
4	1001	1000	-1		2.0
5	2001	2000	-1		2.0
6	3001	3000	-1		2.0
7	3502	3500	-2		2.0
8	4002	4000	-2		2.0

Timer Results:

Range: 0 to 99 min Resolution: 1 min

Sl. No.	Std Reading (hr:min:sec:msec)	DUC Reading (min)	Error Observed in (hr:min:sec:msec)	Measurement Uncertainty in ± (%)	k Factor
1	00:00:00:000	0.0	00:00:00:000	-----	-----
2	00:05:00:028	5.0	-00:00:00:028	0.05	2.0
3	00:20:00:043	20.0	-00:00:00:043	0.05	2.0
4	01:00:00:060	60.0	-00:00:00:060	0.05	2.0
5	01:20:00:095	80.0	-00:00:00:095	0.05	2.0
6	01:35:00:120	95.0	-00:00:00:120	0.05	2.0

Conclusion :-

1. Measurement uncertainty reported is at 95.45 % confidence level.

Calibrated By

Rakesh
Rakesh

(Calibration Engineer)

Checked By

F. Umesh D
Umesh D

(Onsite In Charge)

Authorized By

Gangadhar C K
Gangadhar C K





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2 Customer Reference

2.1 ULR No. : CC247324500006255F
2.2 SRF No. : 4245
2.3 Certificate No. : VI/23-24/4245-02
2.4 Format No. : VI-FRM-TH-006
2.5 Date of issue : 12-02-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Temperature Indicator With Sensor of Freezer
3.2 Make : Samsung / RT54B6558SL
3.3 SI No : OJTT4DBT601259L
3.4 DUC Condition : Satisfactory
3.5 Calibration Procedure No. : SOP-38-06
3.6 No.of Pages : 2
3.7 Calibration Date : 07-02-2024
3.8 Calibration Due : 06-02-2025
3.9 Calibration done at : Onsite
3.10 Instrument Location : Lab
3.11 Discipline : Thermal

4 Environmental Condition

Temperature 25.2 -26.8 °C Humidity 51 - 59 %RH

5 Standards Used for Temperature Calibration

Sl. No.	Nomenclature	Make / Model	ID. No.	Certificate No / Cal Agency	Validity
1	Paperless Recorder	Brain Child / PR-20	VI/OS/PR-06	VI/23-24/INT-ET-424 / VI, Bangalore	18-04-2024
2	RTD Sensor	Frontier / ----	VI-RTD-01	VI/23-24/INT-TH-100-01/ VI, Bangalore	13-02-2024

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Calibrated By

Rakesh
Rakesh
(Calibration Engineer)

Checked By

Umesh D
Umesh D
(Onsite In-Charge)

Authorised By

Gangadhar C K
Gangadhar C K





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Certificate No. VI/23-24/4245-02

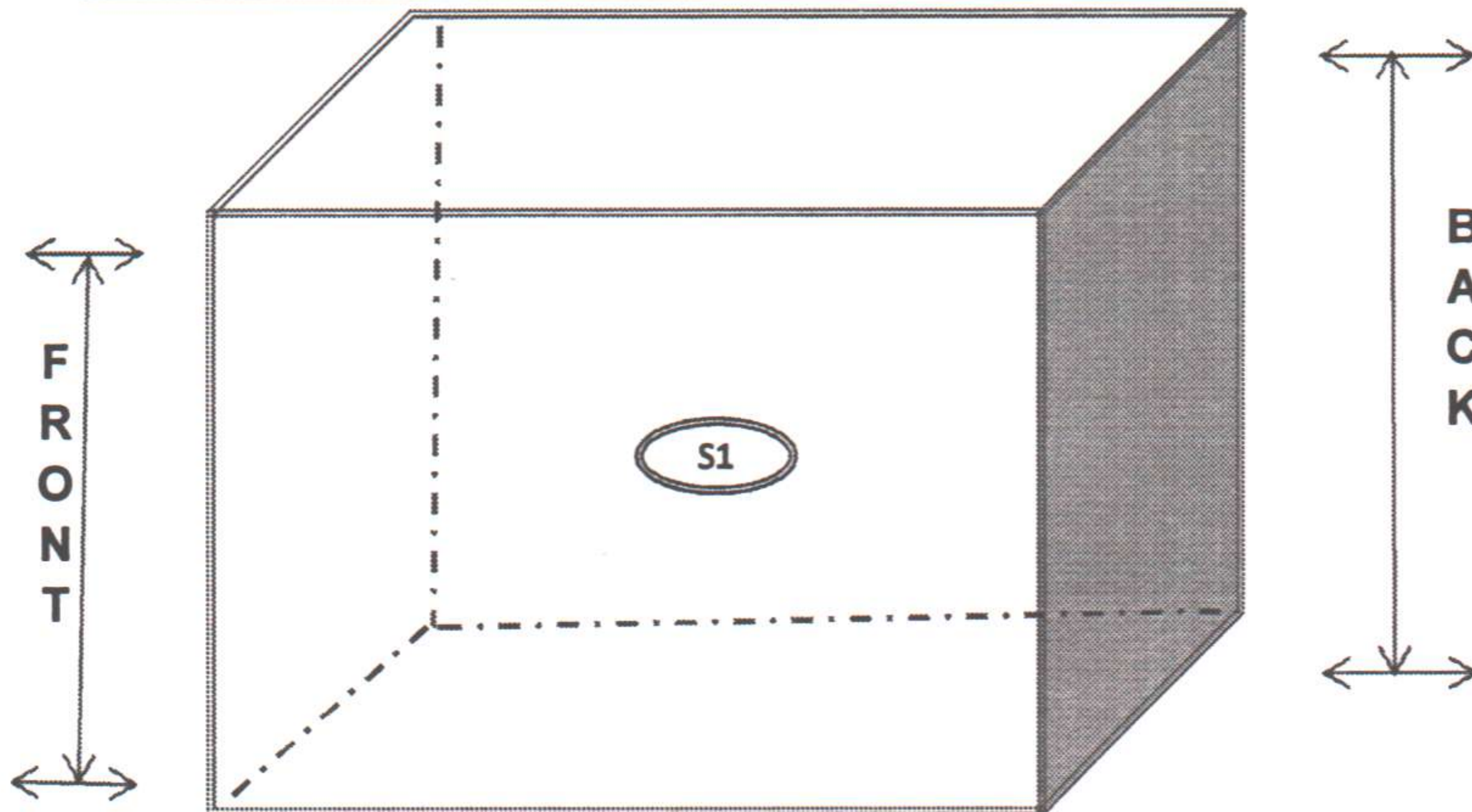
Page: 2 of 2

Results:

Range / Resolution : -20 °C / 0.1 °C

SI No	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-20.1	-20.0	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

Rakesh
Rakesh

(Calibration Engineer)

Checked By

F. Kavya
Umesh D

(Onsite In-Charge)

Authorised By

Gangadhar C K
Gangadhar C K





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2 Customer Reference

2.1 ULR No. : CC247324500006256F
2.2 SRF No. : 4245
2.3 Certificate No. : VI/23-24/4245-03
2.4 Format No. : VI-FRM-TH-006
2.5 Date of issue : 12-02-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Temperature Indicator With Sensor of Refrigerator
3.2 Make : Samsung / RT54B6558SL
3.3 SI No : OJTT4DBT601259L
3.4 Range / Resolution : 2 to 8 °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 : 07-02-2024
3.9 Calibration Due : 06-02-2025
3.10 Calibration done at : Onsite
3.11 Instrument Location : Lab
3.12 Discipline : Thermal

4 Environmental Condition

Temperature 25.2 -26.8 °C Humidity 51 - 59 %RH

5 Standards Used for Temperature Calibration

Sl. No.	Nomenclature	Make / Model	ID. No.	Certificate No / Cal Agency	Validity
1	Paperless Recorder	Brain Child / PR-20	VI/OS/PR-06	VI/23-24/INT-ET-424 / VI, Bangalore	18-04-2024
2	RTD Sensor	Frontier / ----	VI-RTD-01	VI/23-24/INT-TH-100-01/ VI, Bangalore	13-02-2024

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Calibrated By

Rakesh
Rakesh

(Calibration Engineer)

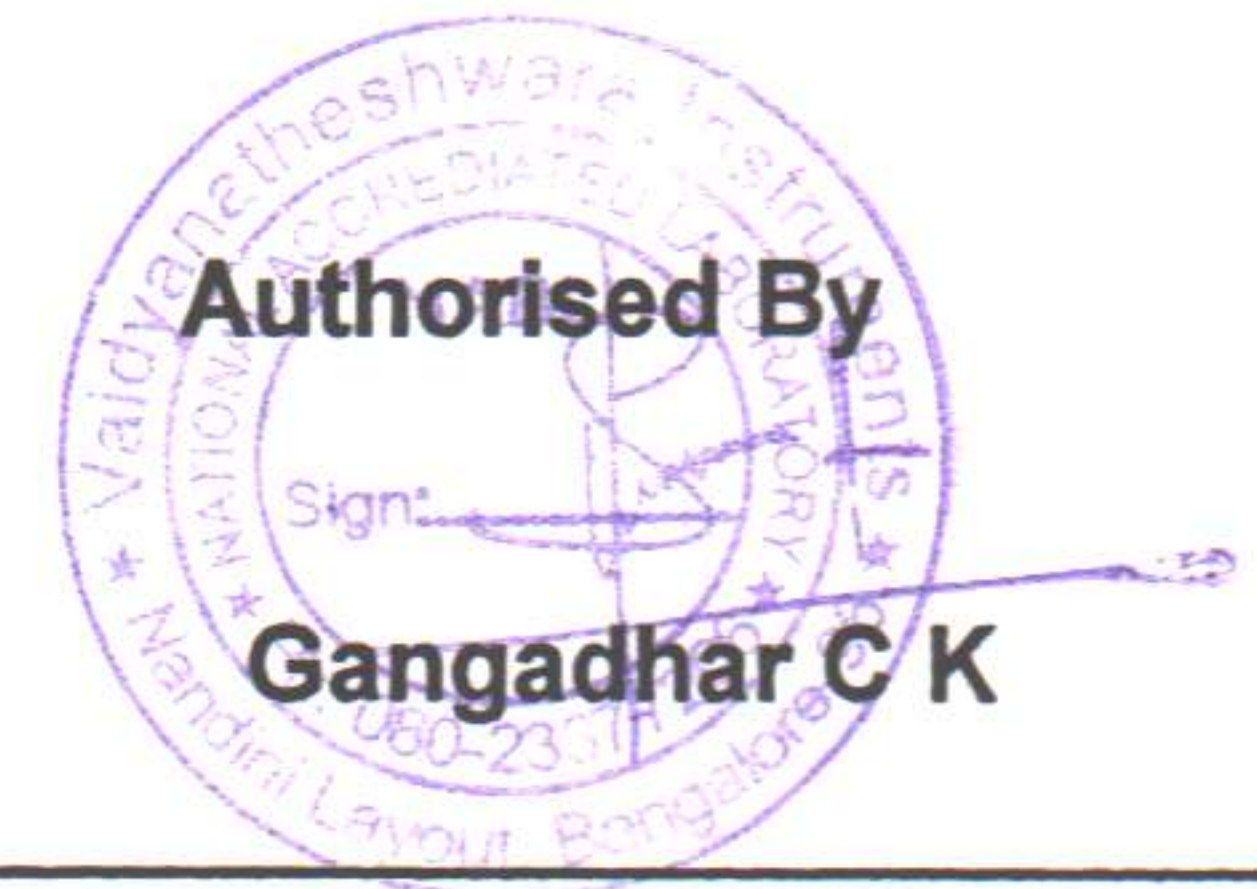
Checked By

Umesh D
Umesh D

(Onsite In-Charge)

Authorised By

Gangadhar C K
Gangadhar C K





COMMITTED TO THE CUSTOMER SINCE - 1996



CC-2473



CERTIFICATE OF CALIBRATION

No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.
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NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

Certificate No. VI/23-24/4245-03

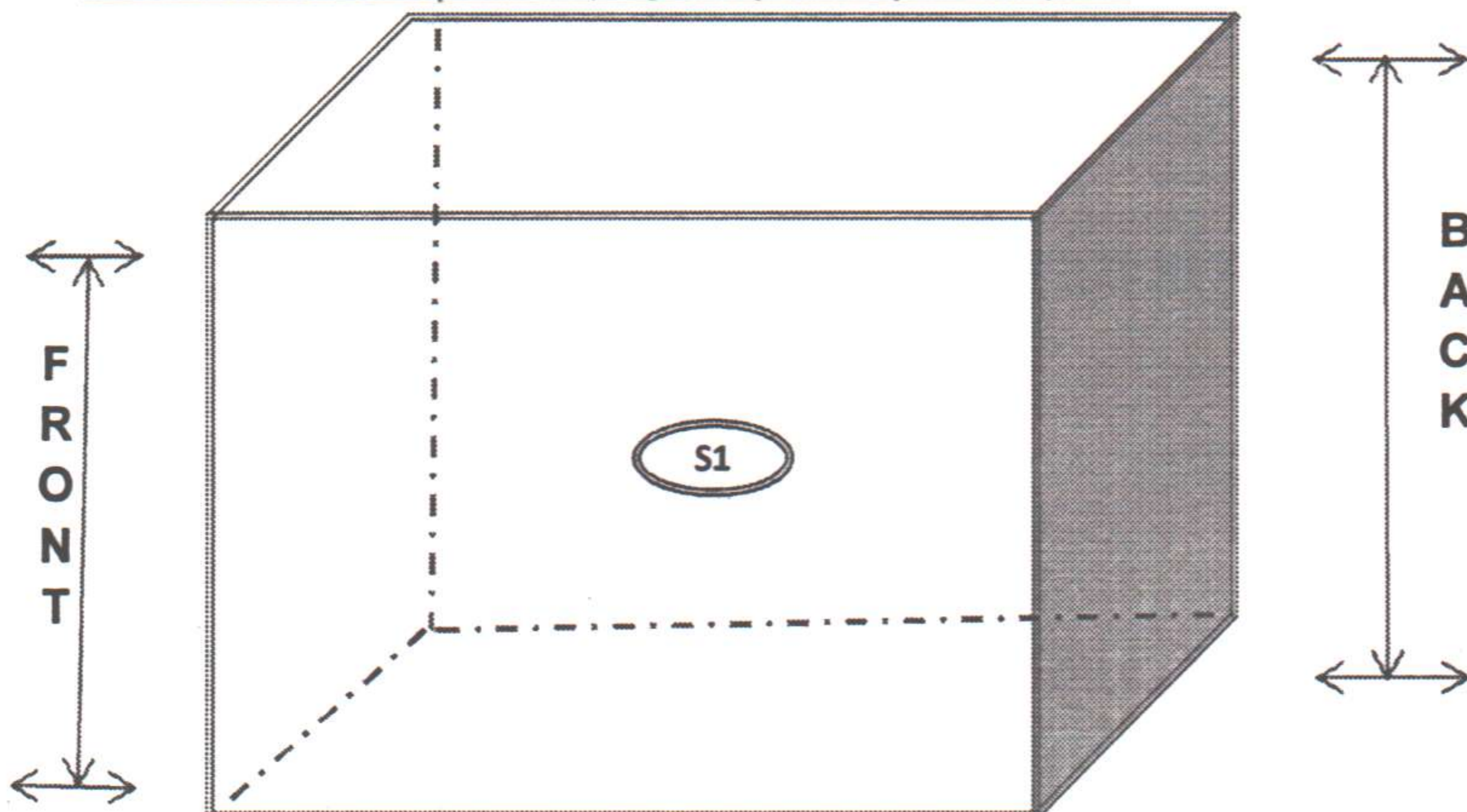
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Results:

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

SI No	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	2.1	2.0	-0.1	0.732	2.0
2	4.1	4.0	-0.1	0.732	2.0
3	6.2	6.0	-0.2	0.732	2.0
4	8.2	8.0	-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

Rakesh
Rakesh

(Calibration Engineer)

Checked By

Umesh D
Umesh D

(Onsite In-Charge)

Authorised By

Gangadhar C K
Gangadhar C K

(Authorized Signatory)

