COMMITTED TO THE CUSTOMER SINCE - 1996

VAIDYANATHESHWARA INSTRUMENTS PRIVATE LIMITED

CC-2473

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

CERTIFICATE OF CALIBRATION

1 Name and Address of Customer — M/s.: **Astra Nest Diagnostics, #21/8, Chikkasanjeevappa Building, Konankunte Cross, Kanakapura Main Road, Bengaluru - 560 062.**

2 Customer Reference

2.1 ULR No	: **CC247324300004095F**
2.2 Format No	: VI-FRM-TH-002
2.3 SRF No	: 2666
2.4 DC.No / Date	: Ref.Letter / ---
2.5 Receipt Date	: 24-06-2024
2.6 Certificate No.	: **VI/24-25/2666-03**
2.7 Issue Date	: 25-06-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature	: **Digital Thermo Hygrometer (In / Out)**
3.2 Model	: DC103
3.3 ID.No.	: DTHM-01
3.4 DUC Condition	: Satisfactory
3.5 Calibration Procedure No. / Ref. Std.	: SOP-38-02 / Based On Comparison Method
3.6 No.of Pages	: 2
3.7 Calibration Date	: **25-06-2024**
3.8 Calibration Due	: **24-06-2025**
3.9 Calibration done at	: VI Thermal Lab
3.10 Discipline	: Thermal

4 Environmental Condition:

Temperature: 25.3 - 25.7°C Humidity: 49 - 51 %RH

5 Standards Used for calibration:

Sl. No	Nomenclature	Make & Model	Sl. No	Certificate No.	Cal Agency / Validity
1	Hygropalm With Sensor	Rotronic / HP23	60885044(Indicator) & 20146871(Sensor)	ETL/1047/23/C/F/275	FCRI, Palakkad / 15-09-2024
2	Platinum Resistance Thermometer With Indicator	Fluke/5609 (Sensor) & Isotech/Milli K (Indicator)	03520(Sensor) & 42202-11(Indicator)	FL/C/TH/20072023-C050	Fare Labs, Gurugram. / 02-08-2024
3	Humidity+Temperature Chamber And Dry Block Calibrator is Used As a Source				

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	Authorised By
Poornima V	Umesh D	Gangadhar C.K
(Calibration Engineer)	(Lab In-Charge)	

Vaidyanatheshwara Instruments * NATIONAL ACCREDITATION BOARD FOR TESTING & CALIBRATION LABORATORIES * Nandini Layout, Bangalore-96 Ph: 080-23377266

COMMITTED TO THE CUSTOMER SINCE - 1996

VAIDYANATHESHWARA INSTRUMENTS PRIVATE LIMITED

CC-2473

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

CERTIFICATE OF CALIBRATION

Certificate No. VI/24-25/2666-03

Results:

Range / Resolution : -10 to 50 °C / 0.1 °C (In Door)

Test Results of Temperature @ 50 %RH

Sl No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	15	15.2	14.9794	0.2206	0.298	2.0
2	30	30.3	29.9546	0.3454	0.298	2.0
3	45	45.3	44.9231	0.3769	0.298	2.0

Range / Resolution : -50 to 70 °C / 0.1 °C (Out Door)

Sl No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-39.8	-40.0342	0.2342	0.091	2.0
2	0	0.1	0.0121	0.0879	0.091	2.0
3	10	10.1	9.9546	0.1454	0.091	2.0
4	30	30.3	29.9213	0.3787	0.091	2.0
5	60	60.3	59.8786	0.4214	0.091	2.0

Range / Resolution : 20 to 90 %RH / 1 %RH

Test Results of Humidity @ 25°C

Sl No	Set Point (%RH)	DUC Reading (%RH)	STD Reading (%RH)	Error Observed (%RH)	Measurement Uncertainty ± (%RH)	k Factor
1	30	31	30.04	0.96	1.434	2.0
2	50	52	50.11	1.89	1.434	2.0
3	80	83	80.16	2.84	1.434	2.0

Conclusion / Remarks:

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

Calibrated By
Poornima V
(Calibration Engineer)

Checked By
Umesh D
(Lab In-Charge)

Authorised By
Vaidyanatheshwara Instruments NABL Nandini Layout, Bangalore 080-23377266
Gangadhar C.K

COMMITTED TO THE CUSTOMER SINCE - 1996

Vaidyanatheshwara Instruments Private Limited

CC-2473

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 OF CALIBRATION

1 Name and Address of the Customer — **M/s.: Nest Diagnostics, Konanakunte Cross, Bangalore - 560 062.**

2 Customer Reference

2.1 ULR No.	: **CC247324300004032F**
2.2 Format No.	: VI-FRM-TH-004
2.3 SRF.No	: 2574
2.4 DC. No / Date	: Ref.Letter / ---
2.5 Receipt Date	: 21-06-2024
2.6 Certificate No.	: **VI/24-25/2574-02**
2.7 Date of Issue	: 21-06-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature	: **Digital Thermometer**
3.2 Make / Model	: MEXTECH / PM 10
3.3 ID.No.	: DTM-02
3.4 DUC Condition	: Satisfactory
3.5 Calibration Procedure No. / Ref. Std.	: SOP-38-04 / Based On DKD-R-5-1
3.6 No.of Pages	: 2
3.7 Calibration Date	: **21-06-2024**
3.8 Calibration Due	: **20-06-2025**
3.9 Calibration done at	: VI Thermal Lab
3.10 Discipline	: Thermal

4 Environmental Condition

Temperature: 25.2 - 25.8°C Humidity: 48 - 51 %RH

5 Standards Used for Temperature Calibration

Sl. No.	Nomenclature	Make / Model	Sl. No.	Certificate. No.	Cal Agency / Validity
1	Platinum Resistance Thermometer With Indicator	Fluke/5609 (Sensor) & Isotech/Milli K (Indicator)	03520(Sensor) & 42202-11(Indicator)	FL/C/TH/20072023-C050	Fare Labs, Gurugram. / 02-08-2024
2	Dry Block Calibrators is used as source.				

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.
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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
Poornima V	Umesh D	Gangadhar C K
(Calibration Engineer)	(Lab In-Charge)	

Vaidyanatheshwara Instruments NABL Sign: Nandini Layout, Bangalore

COMMITTED TO THE CUSTOMER SINCE - 1996

VAIDYANATHESHWARA INSTRUMENTS PRIVATE LIMITED

CERTIFICATE OF CALIBRATION

CC-2473

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/24-25/2574-02**

Results:

Range : -50 to 110 °C **Resolution :- 0.1°C**

Sl No	Set Point (°C)	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-39.9675	-40.3	-0.3325	0.091	2.0
2	-20	-19.9867	-20.2	-0.2133	0.091	2.0
3	0	0.0189	-0.1	-0.1189	0.091	2.0
4	50	49.9756	49.7	-0.2756	0.091	2.0
5	100	99.9546	99.5	-0.4546	0.091	2.0

Conclusion/Remarks:-

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

Calibrated By
Poornima V
(Calibration Engineer)

Checked By
Umesh D
(Lab In-Charge)

Authorised By
Sign:
Gangadhar C.K

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

CERTIFICATE OF CALIBRATION

1 Name and Address of the Customer — **M/s.: Nest Diagnostics, Konanakunte Cross, Bangalore - 560 062.**

2 Customer Reference

2.1	ULR No.	: **CC247324300004031F**
2.2	Format No.	: VI-FRM-TH-004
2.3	SRF.No	: 2574
2.4	DC. No / Date	: Ref.Letter / ---
2.5	Receipt Date	: 21-06-2024
2.6	Certificate No.	: **VI/24-25/2574-01**
2.7	Date of Issue	: 21-06-2024

3 Details Of Device Under Calibration(DUC).

3.1	Nomenclature	: **Digital Thermometer**
3.2	Make / Model	: MEXTECH / PM 10
3.3	ID.No.	: DTM-01
3.4	DUC Condition	: Satisfactory
3.5	Calibration Procedure No. / Ref. Std.	: SOP-38-04 / Based On DKD-R-5-1
3.6	No.of Pages	: 2
3.7	Calibration Date	: **21-06-2024**
3.8	Calibration Due	: **20-06-2025**
3.9	Calibration done at	: VI Thermal Lab
3.10	Discipline	: Thermal

4 Environmental Condition

Temperature: 25.2 - 25.8°C Humidity: 48 - 51 %RH

5 Standards Used for Temperature Calibration

Sl. No.	Nomenclature	Make / Model	Sl. No.	Certificate. No.	Cal Agency / Validity
1	Platinum Resistance Thermometer With Indicator	Fluke/5609 (Sensor) & Isotech/Milli K (Indicator)	03520(Sensor) & 42202-11(Indicator)	FL/C/TH/20072023-C050	Fare Labs, Gurugram. / 02-08-2024
2	Dry Block Calibrators 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
Poornima V
(Calibration Engineer)

Checked By
Umesh D
(Lab In-Charge)

Authorised By
Gangadhar.C K

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VAIDYANATHESHWARA INSTRUMENTS PRIVATE LIMITED

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

CERTIFICATE OF CALIBRATION

Certificate No. VI/24-25/2574-01

Results:

Range : -50 to 110 °C **Resolution :- 0.1°C**

Sl No	Set Point (°C)	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-39.9897	-40.2	-0.2103	0.091	2.0
2	-20	-19.9978	-20.1	-0.1022	0.091	2.0
3	0	0.0213	-0.1	-0.1213	0.091	2.0
4	50	49.9897	49.8	-0.1897	0.091	2.0
5	100	99.9786	99.6	-0.3786	0.091	2.0

Conclusion/Remarks:-

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

Calibrated By
Poornima V
(Calibration Engineer)

Checked By
Umesh D
(Lab In-Charge)

Authorised By
Gangadhar C.K

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

CERTIFICATE OF CALIBRATION

1 Name and Address of the Customer : M/s. ASTRA NEST DIAGNOSTICS
#21/8, Chikkasanjeevappa Building, Konankunte Cross,
Kanakapura Main Road Bengaluru - 560 062.

2 Customer Reference

2.1	ULR No	: CC247324100024494F
2.2	SRF No	: 2666
2.3	Certificate No.	: VI/24-25/2666-02
2.4	Format No.	: VI-FRM-ME-073
2.5	Dc No & Dc Date	: Ref Letter & 24-06-2024
2.6	Receipt Date	: 24-06-2024
2.7	Date Of Issue	: 24-06-2024

3 Details Of Device Under Calibration(DUC).

3.1	Nomenclature	: Micro Pipette
3.2	Make.	: Dragon LAB
3.3	Range.	: 5 - 50µl
3.4	SL No.	: YE218AS0280157
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	: 24-06-2024
3.9	Calibration Due	: 23-06-2025
3.10	Calibration done at	: VI Volumetric Lab
3.11	Discipline	: Mechanical (Mass & volume)

4 Environmental Condition

4.1 Temperature 22.6 - 22.8 °C Humidity 58.3 - 58.6 %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/07/2023/657	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
Lohithkumar K.E
(Calibration Engineer)

Checked By
Ranjith Kumar P
(Lab- In-Charge)

Authorized By
Gangadhar C.K

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VAIDYANATHESHWARA INSTRUMENTS PRIVATE LIMITED

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CERTIFICATE OF CALIBRATION

Certificate No: **VI/24-25/2666-02**

Range: **5 - 50µl**

Results:

Range	Cal Point	Volume observed	Expanded Uncertainty ±
	µl	µl	µl
5 - 50µl	5	5.042	0.02
	20	19.59	0.04
	50	49.98	0.16

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 Uncertainity of associated with measurement at approximate **95.45**% confidence level with coverage factor k=2

Calibrated By	Checked By	Authorized By
Lohithkumar K.E	Ranjith Kumar P	Gangadhar C.K
(Calibration Engineer)	(Lab-In-Charge)	

COMMITTED TO THE CUSTOMER SINCE - 1996

Vaidyanatheshwara Instruments Private Limited

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CERTIFICATE OF CALIBRATION

1 Name and Address of the Customer : M/s. ASTRA NEST DIAGNOSTICS
#21/8, Chikkasanjeevappa Building, Konankunte Cross,
Kanakapura Main Road Bengaluru - 560 062.

2 Customer Reference

2.1 ULR No	: CC247324100024493F
2.2 SRF No	: 2666
2.3 Certificate No.	: VI/24-25/2666-01
2.4 Format No.	: VI-FRM-ME-073
2.5 Dc No & Dc Date	: Ref Letter & 24-06-2024
2.6 Receipt Date	: 24-06-2024
2.7 Date Of Issue	: 24-06-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature	: Micro Pipette
3.2 Make .	: Centico
3.3 Range.	: 10 - 100µl
3.4 SL No .	: --
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	: 24-06-2024
3.9 Calibration Due	: 23-06-2025
3.10 Calibration done at	: VI Volumetric Lab
3.11 Discipline	: Mechanical (Mass & volume)
3.12 Location	: CB LAB

4 Environmental Condition

Temperature 21.3 - 21.6 °C Humidity 57.4 - 57.6 %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/07/2023/657	TYCON Haryana	04-07-2024

6 Note:

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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
Lohithkumar K.E	Ramesh Kumar P	Gangadhar C.K
(Calibration Engineer)	(Lab- In-Charge)	

VAIDYANATHESHWARA INSTRUMENTS PRIVATE LIMITED
COMMITTED TO THE CUSTOMER SINCE - 1996
CC-2473
No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.
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CERTIFICATE OF CALIBRATION

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

Certificate No: **VI/24-25/2666-01**

Range: **10 - 100µl**

Results:

Range	Cal Point	Volume observed	Expanded Uncertainty ±
	µl	µl	µl
10 - 100µl	10	12.842	0.015
	50	51.06	0.16
	100	103.54	0.26

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 Uncertainity of associated with measurement at approximate **95.45**% confidence level with coverage factor k=2

Calibrated By	Checked By	Authorized By
Lohithkumar K.E	Ranjith Kumar P	Gangadhar C.K
(Calibration Engineer)	(Lab- In-Charge)	

VAIDYANATHESHWARA INSTRUMENTS PRIVATE LIMITED
COMMITTED TO THE CUSTOMER SINCE - 1996
CC-2473
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

CERTIFICATE OF CALIBRATION

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:. **Astra Nest Diagnostics**
 # 21/8, Chikka Sanjeevappa Building, Konanakunte Cross,
Kanakapura Main Road, Bangalore - 560 062.

2 Customer Reference

2.1 ULR No.	: CC247324500054680F
2.2 SRF No.	: 1183
2.3 Certificate No.	: **VI/24-25/1183-03**
2.4 Format No.	: VI-FRM-TH-006
2.5 Date of Issue	: 29-06-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature	: **Refrigerator-1**
3.2 Make / Model	: LG / GL-T422VPZXI
3.3 Sl.No.	: 308PRZ2065173
3.4 DUC Condition	: Satisfactory
3.5 Calibration Procedure No.	: SOP-38-06
3.6 No.of Pages	: 2
3.7 Calibration Date	: **22-06-2024**
3.8 Calibration Due	: **21-06-2025**
3.9 Calibration done at	: Onsite
3.10 Discipline	: Thermal
3.11 Instrument Location	: 1st Floor Lab

4 Environmental Condition

Temperature 25.2 - 27.4 °C Humidity 55 - 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 / VR-18	VI/OS/PR-12	VI, Bangalore	VI/23-24/INT-ET-428	27-09-2024
2	RTD Sensor	Frontier / ----	VI-RTD-01	VI, Bangalore	VI/23-24/INT-TH-100-01	12-08-2024

6 Note:

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6.3. Corrections/erasing, invalidate the Calibration Certificate.

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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
Maruti
(Calibration Engineer)

Checked By
Umesh D
(Onsite In-Charge)

Authorised By
Gangadhar C.K

VAIDYANATHESHWARA INSTRUMENTS PRIVATE LIMITED
COMMITTED TO THE CUSTOMER SINCE - 1996

CERTIFICATE OF CALIBRATION

CC-2473
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

Certificate No. VI/24-25/1183-03

Results: Refrigerator

Range / Resolution: 2 to 8 °C / 1 °C

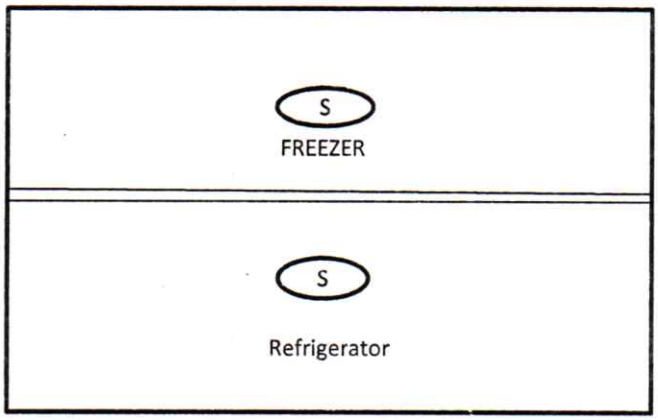
Sl.No.	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	2.0	2	0.0	0.732	2.0
2	3.0	3	0.0	0.732	2.0
3	3.9	4	0.1	0.732	2.0
4	4.9	5	0.1	0.732	2.0
5	6.9	7	0.1	0.732	2.0

Freezer

Range / Resolution: -16 to -24 °C / 1 °C

Sl.No.	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-18.0	-18	0.0	0.732	2.0
2	-19.1	-19	0.1	0.732	2.0
3	-20.1	-20	0.1	0.732	2.0
4	-22.1	-22	0.1	0.732	2.0

Pictorial Representation of Sensors Placement



Note :

1. S 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
Maruti
(Calibration Engineer)

Checked By
Umesh D
(Onsite In-Charge)

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

CERTIFICATE OF CALIBRATION

1 Name and Address of the Customer — **M/s.: Astra Nest Diagnostics**
 # 21/8, Chikka Sanjeevappa Building, Konanakunte Cross,
Kanakapura Main Road, Bangalore - 560 062.

2 Customer Reference

2.1 ULR No	: CC247324500054679F
2.2 SRF No.	: 1183
2.3 Certificate No.	: **VI/24-25/1183-02**
2.4 Format No.	: VI-FRM-TH-006
2.5 Date of issue	: 29-06-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature	: **Refrigerator-2**
3.2 Make / Model	: LG / GL-B191KPZQ/2016
3.3 Id.No.	: 605SRLT030040
3.4 Range	: 2 to 8 °C
3.5 DUC Condition	: Satisfactory
3.6 Calibration Procedure No.	: SOP-38-06
3.7 No.of Pages	: 2
3.8 Calibration Date	: **22-06-2024**
3.9 Calibration Due	: **21-06-2025**
3.10 Calibration done at	: Onsite
3.11 Discipline	: Thermal
3.12 Instrument Location	: 1st Floor Lab

4 Environmental Condition

Temperature 22.5 - 25.2°C Humidity 50 - 55 %RH

5 Standards Used for Temperature Calibration

Sl. No.	Nomenclature	Make / Model	ID.No	Cal Agency	Certificate. No.	Validity
1	Paperless Recorder	Brain Child / VR-18	VI/OS/PR-12	VI, Bangalore	VI/23-24/INT-ET-428	27-09-2024
2	RTD Sensor	Frontier / ----	VI-RTD-01	VI, Bangalore	VI/23-24/INT-TH-100-01	12-08-2024

6 Note:

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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
Maruti
(Calibration Engineer)

Checked By
Umesh D
(Onsite In Charge)

Authorised By
Gangadhar C.K

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CERTIFICATE OF CALIBRATION

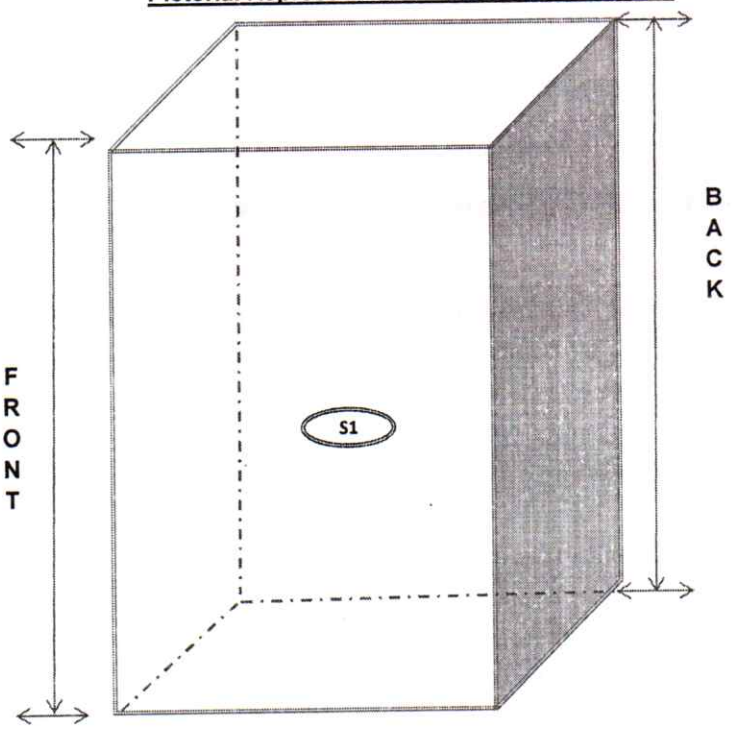
Certificate No. VI/24-25/1183-02

Results:

Range : 2 to 8 °C

Sl.No.	STD Reading (°C)	DUC Set (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	2.0	2	0.0	0.732	2.0
2	3.0	3	0.0	0.732	2.0
3	4.0	4	0.0	0.732	2.0
4	5.9	6	0.1	0.732	2.0
5	7.9	8	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
Maruti
(Calibration Engineer)

Checked By
Umesh D
(Onsite In Charge)

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

CERTIFICATE OF CALIBRATION

1 Name and Address of the Customer — **M/s.: Astra Nest Diagnostics**
 # 21/8, Chikka Sanjeevappa Building, Konanakunte Cross,
Kanakapura Main Road, Bangalore - 560 062.

2 Customer Reference

2.1 ULR No.	: CC247324500054681F
2.2 SRF No.	: 1183
2.3 Certificate No.	: **VI/24-25/1183-04**
2.4 Format No.	: VI-FRM-ME-038
2.5 Date of Issue	: 29-06-2024

3 Details Of Device Under Calibration (DUC).

3.1 Nomenclature	: **Microscope-1**
3.2 Make / Model	: SUSWOX / CXL-Bi
3.3 Id.No.	: AND/MS-01
3.4 Calibration Procedure No. / Ref Doc	: SOP-16-34 / ISO 10936-1
3.5 No.of Pages	: 2
3.6 Calibration Date	: **22-06-2024**
3.7 Calibration Due	: **21-06-2025**
3.8 Calibration Done at	: Onsite
3.9 Discipline	: Mechanical

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

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
Maruti
(Calibration Engineer)

Checked By
Umesh D
(Onsite In-Charge)

Authorised By
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CERTIFICATE OF CALIBRATION

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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

Certificate No. **VI/24-25/1183-04**

Results:

A). CALIBRATION OF MAGNIFICATION

Sl.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 microscopes using the 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
Maruti
(Calibration Engineer)

Checked By
Umesh D
(Onsite In-Charge)

Authorised By
Gangadhar C.K

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

CERTIFICATE OF CALIBRATION

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1 Name and Address of the Customer — **M/s.: Astra Nest Diagnostics**
 # 21/8, Chikka Sanjeevappa Building, Konanakunte Cross,
Kanakapura Main Road, Bangalore - 560 062.

2 Customer Reference

2.1 ULR No.	: CC247324500054682F
2.2 SRF No.	: 1183
2.3 Certificate No.	: **VI/24-25/1183-05**
2.4 Format No.	: VI-FRM-ME-038
2.5 Date of Issue	: 29-06-2024

3 Details Of Device Under Calibration (DUC).

3.1 Nomenclature	: **Microscope-2**
3.2 Make	: LABOMED
3.3 Id.No. / Sl.No.	: AND/MS-02 / 180907599
3.4 Calibration Procedure No. / Ref Doc	: SOP-16-34 / ISO 10936-1
3.5 No.of Pages	: 2
3.6 Calibration Date	: **22-06-2024**
3.7 Calibration Due	: **21-06-2025**
3.8 Calibration Done at	: Onsite
3.9 Discipline	: Mechanical
3.10 Instrument Location	: 1st Floor 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

6 Note:

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

CERTIFICATE OF CALIBRATION

Certificate No. VI/24-25/1183-05

Results:

A). CALIBRATION OF MAGNIFICATION

Sl.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%
				99.98	
				99.99	
2	20 X	5	100	99.99	-0.02%
				99.97	
				99.98	
3	100 X	1	100	99.99	-0.01%
				99.99	
				99.98	

Note:

- Determination of magnifications of microscopes using the 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.

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1 Name and Address of the Customer — **M/s.: Astra Nest Diagnostics**
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Kanakapura Main Road, Bangalore - 560 062.

2 Customer Reference

2.1	ULR No.	: CC247324500054678F
2.2	SRF No	: 1183
2.3	Certificate No.	: **VI/24-25/1183-01**
2.4	Format No.	: VI-FRM-ME-060
2.5	Date of Issue	: 29-06-2024

3 Details Of Device Under Calibration (DUC).

3.1	Nomenclature	: **Centrifuge**
3.2	Make / Model	: REMI / R-8C
3.3	Sl.No.	: ZEHN-24948
3.4	DUC Condition	: Satisfactory
3.5	Calibration Procedure No.	: SOP-16- 55
3.6	No.of Pages	: 2
3.7	Calibration Date	: **22-06-2024**
3.8	Calibration Due	: **21-06-2025**
3.9	Calibration done at	: Onsite
3.10	Instrument Location	: 1st Floor Lab
3.11	Discipline	: Mechanical

4 Environmental Condition

Temperature 23.2 - 24.5°C Humidity 50 - 56 %RH

5 Standards Used for calibration

Sl. No.	Nomenclature	Make / Model	Id.No.	Cal Agency	Certificate No.	Validity
1	Digital Tachometer	Mextech / DT-2234C	VI/OS/DTCM/05	VI,Bangalore	VI/23-24/INT-ME-505	13-10-2024

6 Notes:

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

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Sign
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Certificate No. **VI/24-25/1183-01**

RPM Results:

Range / Resolution: 0 to 4000 RPM / 10 RPM

Sl. No.	Range	DUC Reading (RPM)	STD Reading (RPM)	Error Observed (RPM)	Measurement Uncertainty in ± (%)	k Factor
1	0 to 4000 RPM	1000	1001	-1	5.833	2.0
2		1500	1501	-1		2.0
3		2000	2002	-2		2.0
4		3000	3002	-2		2.0
5		4000	4003	-3		2.0

Conclusion :-

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

Calibrated By
Maruti
(Calibration Engineer)

Checked By
Umesh D
(Onsite In Charge)

Authorized By
Gangadhar C K