



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

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

1 Name and Address of Customer

M/s.: Sri Spectra Diagnostics, Sri Ganapathi Complex, 2nd Main, Akshayanagara, 50Ft. Road, Near DLF New Town, Yelenahalli, Bangalore - 68.

2 Customer Reference

- 2.1 ULR No : CC247324300008121F
2.2 Format No : VI-FRM-TH-002
2.3 SRF No : 7359
2.4 DC.No / Date : Ref.Letter / 11-11-2024
2.5 Receipt Date : 11-11-2024
2.6 Certificate No. : VI/24-25/7359-02
2.7 Date of issue : 11-11-2024

3 Details Of Device Under Calibration(DUC).

- 3.1 Nomenclature : Digital Thermo Hygrometer (In / Out)
3.2 Model : HTC-2
3.3 ID.No. : DTHM-02
3.4 DUC Condition : Satisfactory
3.5 Calibration Procedure No. / Method. : SOP-38-02 / Based On Comparison Method
3.6 No.of Pages : 2
3.7 Calibration Date : 11-11-2024
3.8 Calibration Due : 10-11-2025
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:

Table with 6 columns: Sl. No, Nomenclature, Make & Model, Sl. No, Certificate No., Cal Agency / Validity. Contains 2 rows of calibration standards.

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. The Master's Used For Calibration are traceable to National standards/International Standards, Under Known Chain of Traceability
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

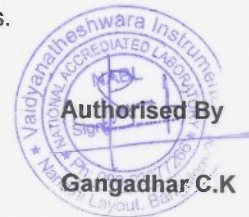
Poornima V (Calibration Engineer)

Checked By

Umesh D (Lab In-Charge)

Authorised By

Gangadhar C.K





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Certificate No. VI/24-25/7359-02

Page No: 2 of 2

### Results:

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

#### Test Results of Temperature @ 50 %RH

SI No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	15	15.1	15.0178	0.0822	0.289	2.0
2	30	30.2	30.0256	0.1744	0.289	2.0
3	45	45.3	45.0342	0.2658	0.289	2.0

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

SI No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-40.2	-40.0321	-0.1679	0.09	2.0
2	0	-0.1	0.0178	-0.1178	0.09	2.0
3	10	9.8	9.9897	-0.1897	0.09	2.0
4	30	29.7	29.9684	-0.2684	0.09	2.0
5	60	59.5	59.9564	-0.4564	0.09	2.0

Range / Resolution : 10 to 99 %RH / 1 %RH

#### Test Results of Humidity @ 25°C

SI No	Set Point (%RH)	DUC Reading (%RH)	STD Reading (%RH)	Error Observed (%RH)	Measurement Uncertainty ± (%RH)	k Factor
1	30	29	29.92	-0.92	1.42	2.0
2	50	49	50.10	-1.10	1.42	2.0
3	80	78	79.82	-1.82	1.42	2.0

### Conclusion / Remarks:

- 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)



\*\*\* End of Calibration Certificate \*\*\*



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**1 Name and Address of Customer**

M/s.: **Sri Spectra Diagnostics,  
Sri Ganapathi Complex, 2nd Main, Akshayanagara, 50Ft.  
Road, Near DLF New Town, Yelenahalli, Bangalore - 68.**

**2 Customer Reference**

- 2.1 ULR No : CC247324300008120F
- 2.2 Format No : VI-FRM-TH-002
- 2.3 SRF No : 7359
- 2.4 DC.No / Date : Ref.Letter / 11-11-2024
- 2.5 Receipt Date : 11-11-2024
- 2.6 Certificate No. : VI/24-25/7359-01
- 2.7 Date of issue : 11-11-2024

**3 Details Of Device Under Calibration(DUC).**

- 3.1 Nomenclature : Digital Thermo Hygrometer (In / Out)
- 3.2 Model : HTC-2
- 3.3 ID.No. : DTHM-01
- 3.4 DUC Condition : Satisfactory
- 3.5 Calibration Procedure No. / Method. : SOP-38-02 / Based On Comparison Method
- 3.6 No.of Pages : 2
- 3.7 Calibration Date : 11-11-2024
- 3.8 Calibration Due : 10-11-2025
- 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	Portable Precision Hygrometer	Sansel & HTD200	HTD122K231768	VI/23-24/INT-TH-317	VI, Bangalore / 15-01-2025
2	Platinum Resistance Thermometer With Indicator	Fluke/5609 (Sensor) & Isotech/Milli K (Indicator)	03520(Sensor) & 42202-11(Indicator)	FL/C/TH/18072024-C006	Fare Labs, Gurugram. / 27-07-2025

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- 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)





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Certificate No. VI/24-25/7359-01

Page No: 2 of 2

### Results:

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

#### Test Results of Temperature @ 50 %RH

SI No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	15	14.9	15.0387	-0.1387	0.289	2.0
2	30	29.8	30.0598	-0.2598	0.289	2.0
3	45	44.8	45.1078	-0.3078	0.289	2.0

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

SI No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-40.1	-40.0442	-0.0558	0.09	2.0
2	0	-0.2	0.0453	-0.2453	0.09	2.0
3	10	9.7	9.9765	-0.2765	0.09	2.0
4	30	29.6	29.9768	-0.3768	0.09	2.0
5	60	59.4	59.9679	-0.5679	0.09	2.0

Range / Resolution : 10 to 99 %RH / 1 %RH

#### Test Results of Humidity @ 25°C

SI No	Set Point (%RH)	DUC Reading (%RH)	STD Reading (%RH)	Error Observed (%RH)	Measurement Uncertainty ± (%RH)	k Factor
1	30	31	29.95	1.05	1.42	2.0
2	50	52	49.91	2.09	1.42	2.0
3	80	82	79.85	2.15	1.42	2.0

### Conclusion / Remarks:

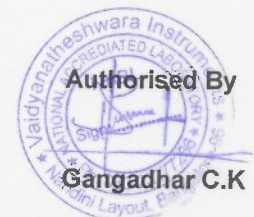
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(Calibration Engineer)

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2.3 SRF No : 7359
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2.5 Receipt Date : 11-11-2024
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2.7 Date of issue : 11-11-2024

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3.4 DUC Condition : Satisfactory
3.5 Calibration Procedure No. / Method. : SOP-38-02 / Based On Comparison Method
3.6 No.of Pages : 2
3.7 Calibration Date : 11-11-2024
3.8 Calibration Due : 10-11-2025
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4 Environmental Condition:

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

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Table with 6 columns: Sl. No, Nomenclature, Make & Model, Sl. No, Certificate No., Cal Agency / Validity. Contains 2 rows of calibration standards.

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Calibrated By

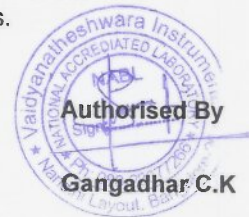
Poornima V (Calibration Engineer)

Checked By

Umesh D (Lab In-Charge)

Authorised By

Gangadhar C.K





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### Results:

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4	30	29.7	29.9684	-0.2684	0.09	2.0
5	60	59.5	59.9564	-0.4564	0.09	2.0

Range / Resolution : 10 to 99 %RH / 1 %RH

#### Test Results of Humidity @ 25°C

SI No	Set Point (%RH)	DUC Reading (%RH)	STD Reading (%RH)	Error Observed (%RH)	Measurement Uncertainty ± (%RH)	k Factor
1	30	29	29.92	-0.92	1.42	2.0
2	50	49	50.10	-1.10	1.42	2.0
3	80	78	79.82	-1.82	1.42	2.0

### Conclusion / Remarks:

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

Calibrated By

Poornima V  
(Calibration Engineer)

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(Lab In-Charge)



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- 2.5 Receipt Date : 11-11-2024
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1	Portable Precision Hygrometer	Sansel & HTD200	HTD122K231768	VI/23-24/INT-TH-317	VI, Bangalore / 15-01-2025
2	Platinum Resistance Thermometer With Indicator	Fluke/5609 (Sensor) & Isotech/Milli K (Indicator)	03520(Sensor) & 42202-11(Indicator)	FL/C/TH/18072024-C006	Fare Labs, Gurugram. / 27-07-2025

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(Calibration Engineer)

(Lab In-Charge)





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SI No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-40.1	-40.0442	-0.0558	0.09	2.0
2	0	-0.2	0.0453	-0.2453	0.09	2.0
3	10	9.7	9.9765	-0.2765	0.09	2.0
4	30	29.6	29.9768	-0.3768	0.09	2.0
5	60	59.4	59.9679	-0.5679	0.09	2.0

Range / Resolution : 10 to 99 %RH / 1 %RH

#### Test Results of Humidity @ 25°C

SI No	Set Point (%RH)	DUC Reading (%RH)	STD Reading (%RH)	Error Observed (%RH)	Measurement Uncertainty ± (%RH)	k Factor
1	30	31	29.95	1.05	1.42	2.0
2	50	52	49.91	2.09	1.42	2.0
3	80	82	79.85	2.15	1.42	2.0

### Conclusion / Remarks:

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

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Poornima V  
(Calibration Engineer)

Checked By

Umesh D  
(Lab In-Charge)



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**1 Name and Address of the Customer** M/s.: Sri Spectra Diagnostic & Clinic,  
2nd Main Near DLF Yelenahalli Road,  
50 Feet Road Akashya Nagar, Begur Post, Bangalore - 560 068.

**2 Customer Reference**  
2.1 ULR No. : CC247324500102786F  
2.2 SRF No : 3370  
2.3 Certificate No. : VI/24-25/3370-01  
2.4 Format No. : VI-FRM-ME-060 & ET-011  
2.5 Date of Issue : 06-11-2024

**3 Details Of Device Under Calibration(DUC).**  
3.1 Nomenclature : Centrifuge  
3.2 Make / Model : REMI / R-8C  
3.3 Id. No. : ZEHN-24786  
3.4 DUC Condition : Satisfactory  
3.5 Calibration Procedure No. : SOP-37-11 & 16-55  
3.6 No.of Pages : 2  
3.7 Calibration Date : 05-11-2024  
3.8 Calibration Due : 04-11-2025  
3.9 Calibration done at : Onsite  
3.10 Instrument Location : Laboratory  
3.11 Discipline : Electro Technical & Mechanical

**4 Environmental Condition**  
Temperature 25.2 to 27.2 °C Humidity 52 %RH

**5 Standards Used for calibration**

Sl.No.	Nomenclature	Make & Model	Id.No. / Sl.No.	Calibrated At	Certificate No.	Validity
1	Digital Tachometer	Mextech & DT-2234C	VI/OS/DTCM/05	VI, Bangalore	VI/24-25/INT-ME-505	13-10-2025
2	Time Totalizer	Beltronics & 501	251	VI, Bangalore	VI/23-24/INT/ETH-426	19-02-2025

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Calibrated By  
*Madhusudan*  
Madhusudan  
(Calibration Engineer)

Checked By  
*Umesh D*  
Umesh D  
(Onsite In-Charge)





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Certificate No. **VI/24-25/3370-01** Page No: 2 of 2

RPM :

Range: 50 to 5250 RPM

Resolution : 10 RPM

Sl.No.	Std Reading (RPM)	DUC Reading (RPM)	Error Observed (RPM)	Measurement Uncertainty in ± (RPM)	k Factor
1	50.2	50	0.2	5.05833	2.0
2	100.4	100	0.4		2.0
3	500.6	500	0.6		2.0
4	1003	1000	3		2.0
5	1304	1300	4		2.0
6	2505	2500	5		2.0
7	5256	5250	6		2.0

Timer :

Range: 00 to 99 min

Resolution: 1 min

Sl.No.	Std Reading (hr:min:sec:msec)	DUC Reading (min)	Error Observed (hr:min:sec:msec)	Measurement Uncertainty ± (min)	k Factor
1	00:00:00:000	0	00:00:00:000	----	----
2	00:02:00:026	2	-00:00:00:026	0.5010	2.0
3	00:05:00:032	5	-00:00:00:032	0.5025	2.0
4	00:10:00:046	10	-00:00:00:046	0.5050	2.0
5	00:20:00:054	20	-00:00:00:054	0.5100	2.0
6	01:00:00:074	60	-00:00:00:074	0.5300	2.0
7	01:35:00:092	95	-00:00:00:092	0.5475	2.0

Conclusion / Remarks :-

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

Calibrated By

*Madhusudhan*  
Madhusudhan

(Calibration Engineer)

Checked By

*Umesh D*  
Umesh D

(Onsite In-Charge)



\*\*\* End of Calibration Certificate \*\*\*

## 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

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

Page 1 of 2

**1 Name and Address of the Customer** : M/s. SRI SPECTRA DIAGNOSTICS.  
Sri Ganapathi Complex, 2nd Main, Akshayanagara , 50Ft. Road, Near  
DLF New Town, Yelenahalli, Bengaluru - 560 068.

**2 Customer Reference**

2.1 ULR No : CC247324100043331F  
2.2 SRF No : 7221  
2.3 Certificate No. : VI/24-25/7221-01  
2.4 Format No. : VI-FRM-ME-073  
2.5 Dc No & Dc Date : Ref Letter & 05-11-2024  
2.6 Receipt Date : 06-11-2024  
2.7 Date Of Issue : 06-11-2024

**3 Details Of Device Under Calibration(DUC).**

3.1 Nomenclature : Micro Pipette  
3.2 Make : --  
3.3 Range. : 100 - 1000µl  
3.4 SL No. : PH556361  
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 : 06-11-2024  
3.9 Calibration Due : 05-11-2025  
3.10 Calibration done at : VI Volumetric Lab  
3.11 Discipline : Mechanical (Mass & volume)

**4 Environmental Condition**

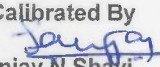
Temperature 21.6 - 21.9 °C Humidity 57.5 - 57.7 %RH


**5 Standards Used for calibration**

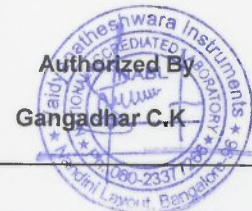
Sl. No.	Nomenclature	Make / Model	SL No / ID No	Range / Readability	Certificate. No.	Traceability to	Validity
1	Digital Weighing Scale	RADWAG / XA 82/220.4Y	551565 / VI/ME/DWB-03	220g /0.00001g/0.0001g	VI/24-25/INT-ME-118	VI Bangalore	10-09-2025
2	E2 Class Weights	LCGC & --	2020136 & VI-ME- E2C-001	1mg to 200g	VI/24-25-INT-ME-545-01	VI Bangalore	01-07-2025

**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 Lab..
- Corrections/erasing, invalidate the Calibration Certificate.
- The Master's Used For Calibration are traceable to National standards/International Standards, Under Know Chain of Traceability
- 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  
  
Sanjay N Shavi  
(Calibration Engineer)

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





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

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Certificate No: VI/24-25/7221-01

Page 2 of 2

Range: 100 - 1000µl

Results:

Range	Cal Point	Volume observed	Expanded Uncertainty ±
	µl	µl	µl
100 - 1000µl	100	100.27	0.27
	500	500.48	3.0
	1000	1000.71	5.9

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

*Sanjay N Shavi*

Sanjay N Shavi  
(Calibration Engineer)

Checked By

*Rajesh Kumar P*  
Rajesh Kumar P  
(Lab- In-Charge)

Authorized By

*Gangadhar C.K*  
Gangadhar C.K  
(Authorized Signatory)



\*\*\*\*\*END OF CALIBRATION CERTIFICATE\*\*\*\*\*



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

**1 Name and Address of the Customer** : M/s. SRI SPECTRA DIAGNOSTICS.  
Sri Ganapathi Complex, 2nd Main, Akshayanagara , 50Ft. Road, Near DLF New Town, Yelenahalli, Bengaluru - 560 068.

**2 Customer Reference**

- 2.1 ULR No : CC247324100043332F
- 2.2 SRF No : 7221
- 2.3 Certificate No. : VI/24-25/7221-02
- 2.4 Format No. : VI-FRM-ME-073
- 2.5 Dc No & Dc Date : Ref Letter & 05-11-2024
- 2.6 Receipt Date : 06-11-2024
- 2.7 Date Of Issue : 06-11-2024

**3 Details Of Device Under Calibration(DUC).**

- 3.1 Nomenclature : Micro Pipette
- 3.2 Make. : --
- 3.3 Range. : 5 - 50µl
- 3.4 SL No. : PH556422
- 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 : 06-11-2024
- 3.9 Calibration Due : 05-11-2025
- 3.10 Calibration done at : VI Volumetric Lab
- 3.11 Discipline : Mechanical (Mass & volume)

**4 Environmental Condition**

Temperature 21.6 - 21.9 °C Humidity 57.5 - 57.7 %RH

**5 Standards Used for calibration**

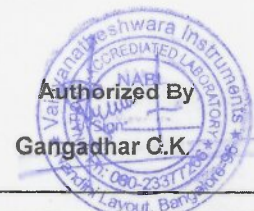
Sl. No.	Nomenclature	Make / Model	SL No / ID No	Range / Readability	Certificate. No.	Traceability to	Validity
1	Digital Weighing Scale	RADWAG / XA 82/220.4Y	551565 / VI/ME/DWB-03	220g /0.00001g/0.0001g	VI/24-25/INT-ME-118	VI Bangalore	10-09-2025
2	Digital Weighing Scale	RADWAG / MYA5.4Y	544953 / VI/ME/DWB-02	5g / 0.000001g	VI/24-25/INT-ME-121	VI Bangalore	10-09-2025
3	E2 Class Weights	LCGC & --	2020136 & VI-ME-E2C-001	1mg to 200g	VI/24-25-INT-ME-545-01	VI Bangalore	01-07-2025

**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..
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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  
*Sanjay N Shrivastava*  
Sanjay N Shrivastava  
(Calibration Engineer)

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





## 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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Certificate No: VI/24-25/7221-02

Page 2 of 2

Range: 5 - 50µl

Results:

Range	Cal Point	Volume observed	Expanded Uncertainty ±
	µl	µl	µl
5 - 50µl	5	5.091	0.03
	20	20.24	0.05
	50	50.38	0.17

**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

Sanjay N Shavi  
(Calibration Engineer)

Checked By

  
Ranjith Kumar P  
(Lab- In-Charge)

Authorized By

  
Gangadhar C.K.  

\*\*\*\*\*END OF CALIBRATION CERTIFICATE\*\*\*\*\*