



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.

Contact : 080-23377266, Mob : 9986586789 / 9448080177 / 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

Page 1 of 2

1 Name and Address of the Customer : M/s. SPECTRA DIAGNOSTICS.,
Sri Ganapathi Complex, 2nd Main, Akshayanagar,
50Ft. Road, Near DLF New Town, Yelenahalli, Bengaluru - 68.

2 Customer Reference

2.1 ULR No. : CC247321100016561F
2.2 SRF No. : 1556
2.3 Receipt Date : 14-07-2021
2.4 Certificate No. : VI/21-22/1556-02
2.5 Format No. : VI-FRM-ME-073
2.6 Date Of Issue : 16-07-2021

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Pipette
3.2 Make : UBM
3.3 Range : 100 - 1000 µl
3.4 SL No. : PH556361
3.5 DUC Condition : Satisfactory
3.6 Calibration Procedure No. : SM/WI/M-10 Based On ISO 8655-6:2002 E
3.7 No.of Pages : 2
3.8 Calibration Date : 15-07-2021
3.9 Calibration Due : 14-07-2022
3.10 Calibration done at : VI Volumetric Lab
3.11 Discipline : Mechanical (Mass & Volume)

4 Environmental Condition

Temperature 20.3 °C Humidity 52 %Rh

5 Standards Used for calibration

Sl. No.	Nomenclature	Make & Model	Sl. No	Range	Traceable to /Cert. No.	Validity
1	Digital Weighing Balance	RADWAG/MYA5.4Y	544953	0.1mg to 5g	VI/20-21/INT-ME-121	18-09-2021
2	E1 Class Weights	LCGC	VI-E1-ME-001	1mg to 200g	TVCSPL 19/04/339-01	02 - 04 - 2022

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
Sameer M S
Sameer M S
(Calibration Engineer)

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





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Certificate No: VI/21-22/1556-02

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Range: 100 - 1000 µl

Results:

Range	Cal Point	Volume observed	Expanded Uncertainty ±
	µl	µl	µl
100 - 1000 µl	100	99.634	0.62
	500	499.264	3.10
	1000	198.942	6.20

Note:

1. Visual Inspection : Found Well.
2. Trippl 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

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Sri Ganapathi Complex, 2nd Main, Akshayanagar,
50Ft. Road, Near DLF New Town, Yelenahalli, Bengaluru - 68.

2 Customer Reference

- 2.1 ULR No. : CC247321100016560F
- 2.2 SRF No. : 1556
- 2.3 Receipt Date : 14-07-2021
- 2.4 Certificate No. : VI/21-22/1556-01
- 2.5 Format No. : VI-FRM-ME-073
- 2.6 Date Of Issue : 16-07-2021

3 Details Of Device Under Calibration(DUC).

- 3.1 Nomenclature : Pipette
- 3.2 Make : UBM
- 3.3 Range : 5 - 50 µl
- 3.4 SL No. : PH556422
- 3.5 DUC Condition : Satisfactory
- 3.6 Calibration Procedure No. : SM/WI/M-10 Based On ISO 8655-6:2002 E
- 3.7 No.of Pages : 2
- 3.8 Calibration Date : 15-07-2021
- 3.9 Calibration Due : 14-07-2022
- 3.10 Calibration done at : VI Volumetric Lab
- 3.11 Discipline : Mechanical (Mass & Volume)

4 Environmental Condition

Temperature 20.2 °C Humidity 53 %Rh

5 Standards Used for calibration

Sl. No.	Nomenclature	Make & Model	Sl. No	Range	Traceable to /Cert. No.	Validity
1	Digital Weighing Balance	RADWAG/MYA5.4Y	544953	0.1mg to 5g	VI/20-21/INT-ME-121	18-09-2021
2	E1 Class Weights	LCGC	VI-E1-ME-001	1mg to 200g	TVCSPL 19/04/339-01	02 - 04 - 2022

6 Note:

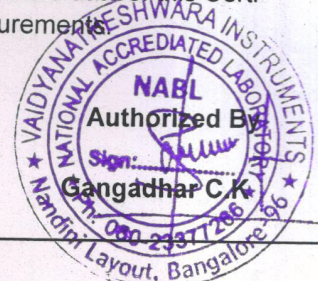
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Range: 5 - 50 μ l

Results:

Range	Cal Point	Volume observed	Expanded Uncertainty \pm
	μ l	μ l	μ l
5 - 50 μ l	5	5.134	0.02
	20	20.216	0.04
	50	50.362	0.20

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 95-95% confidence level with coverage factor k=2

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