

Vaidyanatheshwara Instruments ilac CERTIFICATE OF CALIBRATION





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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@vip/group.com Web: www.vip/group.com

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473 1 Name and Address of the Customer Page 1 of 2 M/s.: Focus Diagnostics 72nd Cross Road, Rajajinagar, 2 Customer Reference Bangalore-560 010. 2.1 ULR No 2.2 Format No. : CC247322300000760F 2.3 SRF No : VI-FRM-TH-004 2.4 DC No / Date : 6629 2.5 Certificate No. 1 --- / ---: VI/21-22/6629-01 2.6 Date of Issue : 27-01-2022 3 Details Of Device Under Calibration(DUC). 3.1 Nomenclature : DIGITAL THERMOMETER 3.2 Make / Model : Mextech / PM-10 3.3 SI.No : M002281 3.4 DUC Condition : Satisfactory 3.5 Calibration Ref. Std. : SOP-38-04 3.6 No.of Pages : 2 3.7 Calibration Date : 27-01-2022 3.8 Calibration Due : 26-01-2023 3.9 Calibration done at : VI Thermal Lab 3.10 Discipline : Thermal 4 Environmenetal Condition Temperature 25.2 °C Humidity 51 %Rh 5 Standards Used for Temperature Calibration

SI. No.	Nomenclature	Make / Model	SI. No.	Certificate. No.	Validity		
1	Precision Thermometer With RTD Sensor	Lutron / Tm-917 / PT- 100	Q601311	VI/21-22/INT-TH-55	27-08-2022		
2	Dry Block Calibrator 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.
- 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 C
- 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

Vivek W

(Calibration Engineer)

Checked By

Umesh.D (Lab In-Charge)



Vaidyanatheshwara Instruments lac MR CERTIFICATE OF CALIBRATION





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

Certificate No.

VI/21-22/6629-01

Page: 2 of 2

Results:

Range: -50 to 110 °C

Resolution:- 0.1 °C

SI No	Set Point	STD Reading (°C)	DUC Reading (°C)	Error Observed	Measurement Uncertainty ± (°C)	k Factor
1	-40	-40.14	-40.3	-0.16	0.18	2.0
2	0	0.03	-0.1	-0.13	0.18	2.0
3	30	29.97	29.8	-0.17	0.18	2.0
4	50	49.91	49.6	-0.31	0.18	2.0
5	100	99.88	99.5	-0.38	0.18	2.0

Conclusion/Remarks:-

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

Calibrated By

Vivek W

(Calibration Engineer)

Checked By

Umesh.D

(Lab In-Charge)





Vaidyanatheshwara Instruments Hac-ME CERTIFICATE OF CALIBRATION





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1 Name and Address of the Customer

2 Customer Reference

2.1 ULR No.

2.2 Format No.

2.3 SRF.No

2.4 DC No / Date

2.5 Certificate No.

2.6 Date of Issue

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature

3.2 Make / Model

3.3 SI.No.

3.4 DUC Condition

3.5 Calibration Ref. Std.

3.6 No. of Pages

3.7 Calibration Date

3.8 Calibration Due

3.9 Calibration done at

3.10 Discipline

4 Environmenetal Condition

Temperature

25.2 °C

Page 1 of 2

Humidity

51 %Rh

M/s.: Focus Diagnostics

72nd Cross Road, Rajajinagar,

Bangalore-560 010.

: CC247322300000761F

: VI-FRM-TH-004

: 6629

: --- / ---

: VI/21-22/6629-02

: 27-01-2022

: DIGITAL THERMOMETER

: Mextech / PM-10

: M002389

: Satisfactory

: SOP-38-04

: 2

: 27-01-2022

: 26-01-2023

: VI Thermal Lab

: Thermal

5 Standards Used for Temperature Calibration

SI. No.	Nomenclature	Make / Model	SI. No.	Certificate. No.	Validity		
7	Precision Thermometer With RTD Sensor	Lutron / Tm-917 / PT- 100 Q601311		VI/21-22/INT-TH-55 27-08-200			
	With RTD Sensor 100 Dry Block Calibrator is used as source.						

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

Calibrated By

(Calibration Engineer)

Checked By

(Lab In-Charge)

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VAIDANATHESHWARA INSTRUMENTS HAC MEA CERTIFICATE OF CALIBRATION





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SI No	Set Point	STD Reading (°C)	DUC Reading (°C)	Error Observed	Measurement Uncertainty ± (°C)	k Factor	
1	-40	-39.86	-40.2	-0.34	0.18	2.0	
2	0	-0.06	-0.1	-0.04	0.18	2.0	
3	30	30.04	29.8	-0.24	0.18	2.0	
4	50	50.07	49.7	-0.37	0.18	2.0	
5	100	100.12	99.6	-0.52	0.18	2.0	

Conclusion/Remarks:-

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

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