



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

Date of issue: 21-10-2020
 Sheet: 1 of 1

Format No. : VI-FRM-TH-004	ULR No.: 'CC247320500065739F	Certificate No. : VI/20-21/1518-03
Customer Name and Address:	M/s.. Excel Prima Diagnostics Mysuru.	
SRF. No.	1518	Received Condition
		Satisfactory

CALIBRATED INSTRUMENT / EQUIPMENT DETAILS

Nomenclature	Digital Thermometer with Sensor	Make	MEXTECH
Range /Resolution	-50 °C to 110 °C / 0.1 °C	Id. No.	LAB/T-01
Calibrated on	17-10-2020	Calibration due on	16-10-2021
Calibration Done At	Onsite	Temperature/Humidity	26.3 °C / 55%RH
Instrument Location	LAB/M-08	Discipline	Thermal

MASTER EQUIPMENT TRACEABILITY DETAILS

SI.No.	Nomenclature	Make / Model	SI. No. / Id. No.	Certificate No.	Validity
1	Precision Thermometer with RTD Sensor	Lutron / TM-917	Q601311 / VI/TH/PT-01	VI/20-21/INT-TH-55	28-08-2021
2	Dry Block Calibrator is used as source.				

The master equipments used are traceable to National Standards

Ref. Doc. : SOP-38-04

Test Results of Temperature

SI. No.	Set Point (°C)	DUC Reading (°C) (X)	Standard Reading (°C) (Y)	Error Observed (°C) (X-Y)	Measurement Uncertainty ± (°C)	k Factor
1	-50	-50.3	-50.04	-0.26	0.18	2.0
2	-20	-20.2	-20.02	-0.18	0.18	2.0
3	0	0.1	0.04	0.06	0.18	2.0
4	30	29.7	30.08	-0.38	0.18	2.0
5	80	79.5	80.10	-0.60	0.18	2.0
6	110	109.3	110.15	-0.85	0.18	2.0

Note:

Determination of various readings of above Instrument are from respective reference standards by direct comparison method.

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

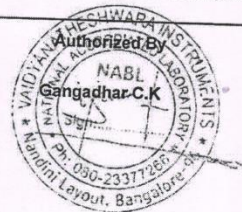
The Reported Results are valid only for the conditions of the received instruments at the time of and under the stated conditions of the calibration.

Calibrated By

 Darshan D.C.
 (Calibration Engineer)

Checked By

 Umesh D
 (Onsite In-Charge)





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Sheet: 1 of 1

Format No. : VI-FRM-TH-004	ULR No.: 'CC247320500065737F		Certificate No. : VI/20-21/1518-01			
Customer Name and Address:	M/s.: Excel Prima Diagnostics Mysuru.					
SRF. No.	1518	Received Condition	Satisfactory			
CALIBRATED INSTRUMENT / EQUIPMENT DETAILS						
Nomenclature	Digital Thermometer with Sensor	Make	MEXTECH			
Range /Resolution	-50 °C to 110 °C / 0.1 °C	Id. No.	LAB/T-02			
Calibrated on	17-10-2020	Calibration due on	16-10-2021			
Calibration Done At	Onsite	Temperature/Humidity	26.3 °C / 55%RH			
Instrument Location	LAB/M-06	Discipline	Thermal			
MASTER EQUIPMENT TRACEABILITY DETAILS						
Sl.No.	Nomenclature	Make / Model	Sl. No. / Id. No.	Certificate No.	Validity	
1	Precision Thermometer with RTD Sensor	Lutron / TM-917	Q601311 / VI/TH/PT-01	VI/20-21/INT-TH-55	28-08-2021	
2	Dry Block Calibrator is used as source.					
The master equipments used are traceable to National Standards					Ref. Doc. : SOP-38-04	
Test Results of Temperature						
Sl. No.	Set Point (°C)	DUC Reading (X)	Standard Reading (°C) (Y)	Error Observed (°C) (X-Y)	Measurement Uncertainty ± (°C)	k Factor
1	-50	-50.3	-50.05	-0.25	0.18	2.0
2	-20	-20.2	-20.02	-0.18	0.18	2.0
3	0	0.1	0.04	0.06	0.18	2.0
4	30	30.3	30.05	0.25	0.18	2.0
5	80	80.5	80.09	0.41	0.18	2.0
6	110	110.7	110.13	0.57	0.18	2.0
Note:						
Determination of various readings of above Instrument are from respective reference standards by direct comparison method.						
Conclusion : Measurement Uncertainty reported is at 95.45% confidence level with k = 2.						
The Reported Results are valid only for the conditions of the received instruments at the time of and under the stated conditions of the calibration.						

Calibrated By

Darshan D.C
(Calibration Engineer)

Checked By

Umesh D
(Onsite In-Charge)



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Date of issue: 21-10-2020
Sheet: 1 of 1

Format No. : VI-FRM-TH-004	ULR No. : 'CC247320500065738F	Certificate No. : VI/20-21/1518-02
Customer Name and Address:	M/s. Excel Prima Diagnostics Mysuru.	
SRF. No.	1518	Received Condition
		Satisfactory

CALIBRATED INSTRUMENT / EQUIPMENT DETAILS

Nomenclature	Digital Thermometer with Sensor	Make	MEXTECH
Range /Resolution	-50 °C to 110 °C / 0.1 °C	Id. No.	LAB/T-03
Calibrated on	17-10-2020	Calibration due on	16-10-2021
Calibration Done At	Onsite	Temperature/Humidity	26.3 °C / 55%RH
Instrument Location	LAB/M-07	Discipline	Thermal

MASTER EQUIPMENT TRACEABILITY DETAILS

SI.No.	Nomenclature	Make / Model	SI. No. / Id. No.	Certificate No.	Validity
1	Precision Thermometer with RTD Sensor	Lutron / TM-917	Q601311 / VI/TH/PT-01	VI/20-21/INT-TH-55	28-08-2021
2	Dry Block Calibrator is used as source.				

The master equipments used are traceable to National Standards

Ref. Doc. : SOP-38-04

Test Results of Temperature

SI. No.	Set Point (°C)	DUC Reading (°C) (X)	Standard Reading (°C) (Y)	Error Observed (°C) (X-Y)	Measurement Uncertainty ± (°C)	k Factor
1	-50	-50.2	-50.04	-0.16	0.18	2.0
2	-20	-20.1	-20.02	-0.08	0.18	2.0
3	0	0.2	0.04	0.16	0.18	2.0
4	30	29.5	30.07	-0.57	0.18	2.0
5	80	79.3	80.10	-0.80	0.18	2.0
6	110	109.2	110.13	-0.93	0.18	2.0

Note:

Determination of various readings of above Instrument are from respective reference standards by direct comparison method.

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

The Reported Results are valid only for the conditions of the received instruments at the time of and under the stated conditions of the calibration.

Calibrated By

Darshan D.C
(Calibration Engineer)

Checked By

Umesh D
(Onsite In-Charge)





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1 Name and Address of the Customer M/s: M/s. Excel Prima Diagnostics.,
Mysuru.

2 Customer Reference

2.1 ULR : CC247320500065741F
 2.2 SRF No : 1518
 2.3 Certificate No. : VI/20-21/1518-05
 2.4 Format No. : VI-FRM-ME-046
 2.5 Date of Issue : 21-10-2020

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Centrifuge
 3.2 Make / Model : REMI / R-8C
 3.3 Id. No. : LAB/C-01
 3.4 DUC Condition : Satisfactory
 3.5 Calibration Procedure No. : SOP-16-42
 3.6 No. of Pages : 2
 3.7 Calibration Date : 17-10-2020
 3.8 Calibration Due : 16-10-2021
 3.9 Calibration done at : Onsite
 3.10 Instrument Location : LAB/M-01
 3.11 Discipline : Mechanical

4 Environmental Condition

Temperature 26.5 °C Humidity 55 %Rh

5 Standards Used for calibration

Sl. No.	Nomenclature	Make & Model	Sl. No.	Certificate No.	Validity
1	Digital Tachometer	SENTRY / ST723	SN1323004225	ULR- CC287920000004732F	10-09-2021

6 Notes:

- 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

 Darsan D.C
 (Calibration Engineer)

Checked By

 Umesh D
 (Onsite In-Charge)

