



COMMITTED TO THE  
CUSTOMER SINCE - 1996

**Vaidyanatheshwara INSTRUMENTS**



CC-2473



**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

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.: Nisarga Diagnostics,  
#6B, 1st Floor Opp Bharath Petroleum Bunk,  
Sanjaynagar Main Road, Bangalore - 560 094.

**2 Customer Reference**

- 2.1 ULR No. : CC247322300002892F
- 2.2 Format No. : VI-FRM-TH-004
- 2.3 SRF.No : 3899
- 2.4 DC. No / Date : 01 / 14-11-2022
- 2.5 Certificate No. : VI/22-23/3899-01
- 2.6 Date of Issue : 16-11-2022

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

- 3.1 Nomenclature : Digital Thermometer
- 3.2 Make / Model : ACETEQ / ST-9283B
- 3.3 Sl.No / Id. No : --- / DT-01
- 3.4 DUC Condition : Satisfactory
- 3.5 Calibration Ref. Std. : SOP-38-04
- 3.6 No.of Pages : 2
- 3.7 Calibration Date : 16-11-2022
- 3.8 Calibration Due : 15-11-2023
- 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**

Sl. No.	Nomenclature	Make / Model	Sl. No.	Certificate. No.	Validity
1	Reference Thermometer With PRT	FLUKE / 5609 (Sensor) & 1524 (Indicator)	03520 (Sensor) & 3028237 (Indicator)	CR/NCAL/51799	21-12-2022
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 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

Vivek W  
(Calibration Engineer)

Checked By

Guruprasad S C  
(Lab In-Charge)





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Certificate No. VI/22-23/3899-01

Page: 2 of 2

**Results:**

Range : -50 to 300 °C

Resolution:- 0.1°C

SI No	Set Point	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	-40	-39.934	-40.4	-0.466	0.23	2.0
2	0	0.031	-0.1	-0.131	0.23	2.0
3	50	49.973	49.6	-0.373	0.23	2.0
4	100	99.932	99.4	-0.532	0.23	2.0
5	200	199.883	199.2	-0.683	0.69	2.0
6	290	289.904	289.1	-0.804	0.69	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

Guruprasad S C

(Lab In-Charge)





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Page 1 of 2

**1 Name and Address of Customer**

M/s.: Nisarga Diagnostics,  
#6B, 1st Floor Opp Bharath Petroleum Bunk,  
Sanjaynagar Main Road, Bangalore - 560 094.

**2 Customer Reference**

2.1 ULR No : CC247322300002893F  
2.2 Format No : VI-FRM-TH-002  
2.3 SRF No : 3899  
2.4 DC.No / Date : 01 / 14-11-2022  
2.5 Certificate No. : VI/22-23/3899-02  
2.6 Issue Date : 16-11-2022

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

3.1 Nomenclature : Digital Thermometer (In / Out)  
3.2 Make / Model : ACETEQ / DC-2  
3.3 ID No / SI. No : DTM-01 / ---  
3.4 DUC Condition : Satisfactory  
3.5 Calibration Procedure No. : SOP - 38-02  
3.6 No.of Pages : 2  
3.7 Calibration Date : 16-11-2022  
3.8 Calibration Due : 15-11-2023  
3.9 Calibration done at : VI Thermal Lab  
3.10 Discipline : Thermal

**4 Environmental Condition:**

Temperature : 25.2 °C Humidity : 55 %Rh

**5 Standards Used for calibration:**

Sl. No.	Nomenclature	Make & Model	Sl. No	Certificate No.	Validity
1	Reference Thermometer With PRT	FLUKE / 5609 (Sensor) & 1524 (Indicator)	03520 (Sensor) & 3028237 (Indicator)	CR/NCAL/51799	21-12-2022

2 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..
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- 6.7. The usage of NABL Symbol is as-per NABL guidelines given in NABL-133

Calibrated By

Checked By

Vivek W

Guruprasad S C  
(Lab In-Charge)

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Certificate No. VI/22-23/3899-02

Page No: 2 of 2

**Results:**

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

Sl No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	15	14.9	15.056	-0.156	0.41	2.0
2	30	29.8	30.098	-0.298	0.41	2.0
3	45	44.8	45.113	-0.313	0.41	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	-30	-30.2	-29.983	-0.217	0.23	2.0
2	5	4.9	4.998	-0.098	0.23	2.0
3	20	19.8	19.967	-0.167	0.23	2.0
4	30	29.6	29.934	-0.334	0.23	2.0
5	60	59.4	59.898	-0.498	0.23	2.0

**Conclusion / Remarks:**

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

Calibrated By

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(Calibration Engineer)

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**1 Name and Address of Customer**

M/s.: Nisarga Diagnostics,  
#6B, 1st Floor Opp Bharath Petroleum Bunk,  
Sanjaynagar Main Road, Bangalore - 560 094.

**2 Customer Reference**

2.1 ULR No : CC247322300002894F  
2.2 Format No : VI-FRM-TH-002  
2.3 SRF No : 3899  
2.4 DC.No / Date : 01 / 14-11-2022  
2.5 Certificate No. : VI/22-23/3899-03  
2.6 Issue Date : 16-11-2022

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

3.1 Nomenclature : Digital Thermometer (In / Out)  
3.2 Make / Model : ACETEQ / DC-2  
3.3 ID No / Sl. No : DTM-02 / ---  
3.4 DUC Condition : Satisfactory  
3.5 Calibration Procedure No. : SOP - 38-02  
3.6 No.of Pages : 2  
3.7 Calibration Date : 16-11-2022  
3.8 Calibration Due : 15-11-2023  
3.9 Calibration done at : VI Thermal Lab  
3.10 Discipline : Thermal

**4 Environmental Condition:**

Temperature 25.2 °C Humidity 55 %Rh

**5 Standards Used for calibration:**

Sl. No.	Nomenclature	Make & Model	Sl. No	Certificate No.	Validity
1	Reference Thermometer With PRT	FLUKE / 5609 (Sensor) & 1524 (Indicator)	03520 (Sensor) & 3028237 (Indicator)	CR/NCAL/51799	21-12-2022

2 Humidity+Temperature Chamber And Dry Block Calibrator is Used As a Source

**6 Note:**

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Certificate No. VI/22-23/3899-03

Page No: 2 of 2

**Results:**

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

Sl No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	15	14.8	15.027	-0.227	0.41	2.0
2	30	29.7	30.063	-0.363	0.41	2.0
3	45	44.6	45.091	-0.491	0.41	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	-30	-30.3	-29.961	-0.339	0.23	2.0
2	5	4.8	4.974	-0.174	0.23	2.0
3	20	19.7	19.942	-0.242	0.23	2.0
4	30	29.5	29.919	-0.419	0.23	2.0
5	60	59.3	59.847	-0.547	0.23	2.0

**Conclusion / Remarks:**

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

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#6B, 1st Floor Opp Bharath Petroleum Bunk,  
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**2 Customer Reference**

- 2.1 ULR No : CC247322300002895F
- 2.2 Format No : VI-FRM-TH-002
- 2.3 SRF No : 3899
- 2.4 DC.No / Date : 01 / 14-11-2022
- 2.5 Certificate No. : VI/22-23/3899-04
- 2.6 Issue Date : 16-11-2022

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

- 3.1 Nomenclature : Digital Thermometer (In / Out)
- 3.2 Make / Model : ACETEQ / DC-2
- 3.3 ID No / SI. No : DTM-03 / ---
- 3.4 DUC Condition : Satisfactory
- 3.5 Calibration Procedure No. : SOP - 38-02
- 3.6 No.of Pages : 2
- 3.7 Calibration Date : 16-11-2022
- 3.8 Calibration Due : 15-11-2023
- 3.9 Calibration done at : VI Thermal Lab
- 3.10 Discipline : Thermal

**4 Environmental Condition:**

Temperature 25.2 °C Humidity 55 %Rh

**5 Standards Used for calibration:**

Sl. No.	Nomenclature	Make & Model	SI. No	Certificate No.	Validity
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**Results:**

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

SI No	Set Point (°C)	DUC Reading (°C)	STD Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	15	15.2	15.072	0.128	0.41	2.0
2	30	30.4	30.118	0.282	0.41	2.0
3	45	45.5	45.175	0.325	0.41	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	-30	-29.8	-30.047	0.247	0.23	2.0
2	5	5.1	5.026	0.074	0.23	2.0
3	20	20.2	20.064	0.136	0.23	2.0
4	30	30.4	30.102	0.298	0.23	2.0
5	60	60.5	60.142	0.358	0.23	2.0

**Conclusion / Remarks:**

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

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