



AACALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 12358F	Field	Thermal	Group	Temp.	Page No.	1 of 1
SRF No & Date	210811.2 DT - 11 / 08 / 2021			ULR No.	CC2646210000 12358F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Standard Diagnostics Pvt. Ltd.			Calibration Date	11.08.2021		
Address	SK-174, Sector - 116, Noida			Calibration Due On (As Sugg. By Cust.)	10.08.2022		
				Certificate Issue Dt.	12.08.2021		
				UUC Condition	Good		

Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make/SI.No.	Party ID / Location
1	Dig. Thermometer	0 to 50 °C	0.1 °C	Aceteq	DTM - 03 Lab

Standard Equipments Used (Traceable to National Standard)

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Digital Multimeter	Gwinstek EL 160577	AACPL	AACPL/02876F	13/07/2021
2	RTD (4 Wire) Pt-100	Tempens/ 115	AACPL	AACPL/05734F	05/10/2021
3	Liquid Temp. Bath	Tempens/Calsys -30 to 50	-----	-----	-----

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
IS : 6274	Temp. Measurement	(50 ± 20)%RH	(25 ± 10)°C	Site

Calibration Procedure

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL / CP / 02, Section No : CPTH - 06

Calibration Points :- 10 , 20 , 40 °C

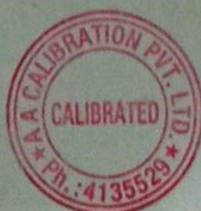
Calibration Results

SI No.	Master Value	DUC Value	Deviation In °C	Uncertainty at approx 95% confidence Level and coverage factor k =2 is ± (°C)
	In °C	In °C		
1	10.05	10.3	0.25	0.36
2	20.13	20.7	0.57	0.34
3	40.17	40.9	0.73	0.34

Note

- The calibration results reported in this calibration certificate are valid at the time of & under stated condition
- This certificate cannot be reproduced except in full without our prior permission in writing
- This certificate refers only to the particular item(s) submitted for calibration
- DUC - Device under calibration
- Temperature Scale: International Temperature Scale Of 1990 (ITS-90)

Calibrated by
[Signature]



Approved by

[Signature]
Bhopesh Kumar
(Tech. Manager)

LAB :- Plot No. C-18, Sector-13, First Floor, "Vasundhara, Haat" Vasundhara, Ghaziabad - 201012

Ph. : 0120-4135529, Mob. : 9212172564, 9212172597

E-mail : aacplinfo2005@gmail.com, accplinfo@rediffmail.com



A A CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 04678F	Field Thermal	Group	Temp.	Page No.	1 of 1
SRF No & Date	210407.3 DT - 07 / 04 / 2021		ULR No.	CC2646210000 04678F		
Calibration Method :	Comparison Method		Accuracy			
Company Name	M/s Standard Diagnostics Pvt. Ltd.		Calibration Date	07.04.2021		
Address	SK-174, Sector - 116, Noida		Cali. Due On (As Sugg. By Cust.)	06.04.2022		
			Certificate Issue Dt.	09.04.2021		
			UUC Condition	Good		

Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make	Party ID / Location
1	Dig. Thermometer	0 to 50 °C	0.1 °C	Aceteq	DTM - 01 Lab

Standard Equipments Used (Traceable to National Standard)

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Digital Multimeter	Gwinstek EL 160577	AACPL	AACPL/02876F	13/07/2021
2	RTD (4 Wire) Pt-100	Tempens/ 115	AACPL	AACPL/05734F	05/10/2021
3	Liquid Temp. Bath	Tempens/Calsys -30 to 50	-----	-----	-----

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
IS : 6274	Temp. Measurement	(50 ± 20)%RH	(25 ± 10)°C	Site

Calibration Procedure

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL / CP / 02, Section No : CPTH - 06

Calibration Points :- 10 , 20 , 40 °C

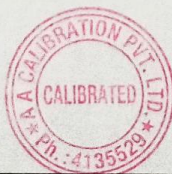
Calibration Results

SI No.	Master Value	DUC Value	Deviation In °C	Uncertainty at approx 95% confidence Level and coverage factor $k=2$ is \pm (°C)
	In °C	In °C		
1	10.04	10.2	0.16	0.35
2	20.11	20.4	0.29	0.34
3	40.17	40.7	0.53	0.34

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- 5 Temperature Scale: International Temperature Scale Of 1990 (ITS-90)

Kari
Calibrated by



Approved by
Bhupesh Kumar
Bhupesh Kumar
(Tech. Manager)



A A CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 04679F	Field	Thermal	Group	Temp.	Page No.	1 of 1
SRF No & Date	210407.3 DT - 07 / 04 / 2021		ULR No.		CC2646210000 04679F		
Calibration Method :	Comparison Method		Accuracy				
Company Name	M/s Standard Diagnostics Pvt. Ltd.		Calibration Date		07.04.2021		
Address	SK-174, Sector - 116, Noida		Call. Due On (As Sugg. By Cust.)		06.04.2022		
			Certificate Issue Dt.		09.04.2021		
			UUC Condition		Good		

Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make	Party ID / Location
1	Dig. Thermometer	0 to 50 °C	0.1 °C	Acetecq	DTM - 02 Lab

Standard Equipments Used (Traceable to National Standard)

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Digital Multimeter	Gwinstek EL 160577	AACPL	AACPL/02876F	13/07/2021
2	RTD (4 Wire) Pt-100	Tempsens/ 115	AACPL	AACPL/05734F	05/10/2021
3	Liquid Temp. Bath	Tempsens/Calsys -30 to 50	-----	-----	-----

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
IS : 6274	Temp. Measurement	(50 ± 20)%RH	(25 ± 10)°C	Site

Calibration Procedure

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL / CP / 02, Section No : CPTH - 06

Calibration Points :- 10 , 20 , 40 °C

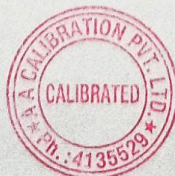
Calibration Results

SI No.	Master Value	DUC Value	Deviation	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is \pm (°C)
	In °C	In °C		
1	10.03	10.5	0.47	0.36
2	20.09	20.6	0.51	0.34
3	40.11	40.8	0.69	0.34

Note

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Sanjiv
Calibrated by



Approved by
Bhoopesh Kumar
Bhoopesh Kumar
(Tech. Manager)