



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		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	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	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

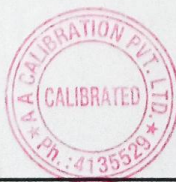
Calibration Results

SI No.	Master Value	DUC Value	Deviation	Uncertainty at approx 95% confidence Level and coverage factor k =2 is ± (°C)
	In °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

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)

Ravi
Calibrated by



Approved by
Bhupesh Kumar
Bhupesh Kumar
(Tech. Manager)