



# AACALIBRATION 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	Aceteq	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

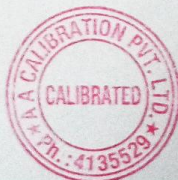
### Calibration Results

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	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

- 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)

*Sanjiv*  
Calibrated by



Approved by  
*Bhoopesh Kumar*  
Bhoopesh Kumar  
(Tech. Manager)