


50 40 30 20 10 0 °C

 **A A CALIBRATION PVT. LTD.**
Ph. No.: 9672294758, 7062822526
Certi No.: **AACPL**
ID./S.N. **HCL/LAB/107M/1**
Calibration Date **18.01.2024**
Due on **17.01.2022** By **...**



AA CALIBRATION PVT.LTD

CALIBRATION CERTIFICATE

540E-01



Certificate No. CC - 2646

Certificate No	AACPL / 00772F	Field	Elec. Tech.	Group	Page No.	1 of 1
SRF No & Date	210118.2	DT - 18 / 01 / 2021		ULR No.	CC2646210000	00772F
Calibration Method :	Direct Method			Accuracy		
Company Name Address	M/s Hira Clinical Lab Civil Hospital Hoshiapur - (P.B)			Calibration Date	18.01.2021	
				Cali. Due On (As Sugg. By Cust.)	17.01.2022	
				Certificate Issue Dt.	21.01.2021	
				UUC Condition	Good	

Calibration Instrument Detail

Sl	Instrument Name	Range	Least Count	Make / SI.No	Party ID / Location
1	Glass Thermometer	(-10)° to 50°C	2 °C	Na / ----	HCL/LAB/GTM/01 Laboratory

Standard Equipments Used (Traceable to National Standard)

Sl	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 / 21000471	Tempsens	TL/020/811.1.1	08/10/2021
3	Liquid Temp. Bath	Tempsens/Calsys -30to50	-----	-----	-----
4	Oil Temp. Bath	Tempsens/Calsys 50to250	-----	-----	-----
	Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
	IS : 1248	Temp. Measurement	(50 ± 20)%RH	(25 ± 10)°C	Laboratory

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 03, Section No : CPET - 01

Set Points :- -30, 30, 50 °C

Calibration Results			Uncertainty at approx 95% confidence Level and coverage factor k =2 is ±
Sl. No.	Std. Reading on Master in °C	UUC Average Reading in °C	Deviation in °C
1	-30.06	-30.0	0.06
2	29.85	30.0	0.15
3	49.12	50.0	0.88

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
- UUC - Unit under calibration

Calibrated by
Alpana



Approved by

Rajesh Prasad
Rajesh Prasad
(Tech. Manager)

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