



A A CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE



CC - 2646

Certificate No	AACPL / 09166F	Field	Thermal	Group	Temp.	Page No.	1 of 1
SRF No & Date	231215.6	DT - 15 / 12 / 2023		ULR No.	CC2646230000 09166F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	16.12.2023		
Address	DH Civil Hospital Guru Teg Bahadur Nagar Tarn Taran			Recommended Date for Next Calib.	15.12.2024		
				Certificate Issue Dt.	18.12.2023		
				UUC Condition	Good		

Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Dig. Thermometer	-50 to 110 °C	0.1 °C	Symbol -----	KDTPBSTTM15 Store Room

Standard Equipments Used (Traceable to National Standard)

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Digital Multimeter	Fluke 8846A 1758003	AIPL	AIPL/160123/2-4	19/01/2024
2	RTD (4 Wire) Pt-100	Tempens / 24000368	Tempens	TL/023/1176.1.1	10/10/2024
3	Liquid Temp. Bath	Tempens/Calsys -33 to 50	-----	-----	-----
4	Oil Temp. Bath	Tempens/Calsys 50 to 250	-----	-----	-----

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
DKD - R5 - 1	Temp. Measurement	56 %RH	25.3 °C	Laboratory

Calibration Procedure

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL / CP / 02, Section No : CPTH - 03

Calibration Points :- -30, 50 & 110 °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	-30.08	-30.0	0.08	0.30
2	50.11	50.2	0.09	0.30
3	110.14	110.3	0.16	0.30

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)

----- End of Certificate -----

Approved
Calibrated by



Approved by
Bhupesh Kumar
Bhupesh Kumar
(Tech. Manager)