



AACPL CALIBRATION PVT. LTD.

CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 07054F	Field	Thermal	Group	Temp.	Page No.	1 of 1
SRF No & Date	230926.4 DT - 26 / 09 / 2023			ULR No.	CC2646230000 07054F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	26.09.2023		
Address	Mathura Daas Civil Hospital (DH), Main Bazar, Moga (PB)			Recommended Date for Next Calib.	25.09.2024		
				Certificate Issue Dt.	29.09.2023		
				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	----- -----	KDDHPBCCDT019 Bio Chemistry

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	Tempsens / 23000375	Tempsens	TL/022/1114.1.1	06/10/2023
3	Liquid Temp. Bath	Tempsens/Calsys -30 to 50	-----	-----	-----
4	Dry Block Bath	Tempsens/Calsys 50 to 650	-----	-----	-----

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
DKD - R5 - 1	Temp. Measurement	(50 ± 15)%RH	(25 ± 2)°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	UUC Value	Deviation	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is \pm (°C)
	In °C	In °C	In °C	
1	-30.05	-30.1	-0.05	0.28
2	50.12	49.9	-0.22	0.31
3	110.17	109.8	-0.37	0.37

Note

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

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

Aakash
Calibrated by



Approved by
Bhoopesh Kumar
Bhoopesh Kumar
(Tech. Manager)

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