



Bhagwati Calibration Laboratory

CALIBRATION CERTIFICATE



CC-2464

CC246422000005751F

Certificate Number	BCL / 2022 / 05751F	Page No	1	No. of Pages	1
SRF No & Date	2705.8 Date - 27.05.2022	Group	Temp.	Field	Thermal
Company Name	M/S : Dr. Kaushik Path Labs	Calibration Date	27.05.2022		
Address	1/2284, Ram Nagar, Main Mandoli Road, Shahdara, Delhi - 110032 Near Sashi Public School	Calibration Due Dt	26.05.2022		
		Certificate Issue Dt.	28.05.2022		
		UUC Condition	Good		

Calibration Instrument Detail

Sl	Instrument Name	Range	Least Count	Make / Sl.No	Party ID / Location
1	Dig. Thermometer	-50 to 150°C	0.1°C	---	Collection Room

Standard Equipments Used (Traceable to National Standard)

Sl	Instrument Name	Make/Sl No	Calibrated By	Cal Certificate No	Due Date of Cal
1	PRT with Precision Multimeter	Isotech / Fluke 3673003	Sigma	CC288821000001583F	29.10.2022
2	Liquid/Dry Temp. Bath	Tempsens Instrument Calsys	---	---	---

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
Comparison Method	Temp. Measurement	(50 ± 20)%RH	(25 ± 4)°C	Laboratory

Calibration Procedure : As per Calibration Procedure Manual BCL / CPM / 03, Section No : T/CP - 02

Set Point :- -30, -10, 10, 50, 100, 140 °C

Calibration Results (in °C)

Sr. No.	Standard Reading	Average Reading (UUC)	Deviation	Uncertainty At approx 95% Confidence level and coverage factor k = 2 ±
1	-29.844	-30.0	-0.156	0.35 °C
2	-9.902	-10.0	-0.098	0.35 °C
3	9.904	10.0	0.096	0.35 °C
4	49.736	50.0	0.264	0.35 °C
5	99.548	100.0	0.452	0.35 °C
6	139.404	140.0	0.596	0.35 °C

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

Calibration Engineer



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