



# R-TECH CALIBRATION

ISO/IEC 17025:2017 - NABL ACCREDITED LABORATORY

52/1, Pathak Para Road, Behala, Room No. G1, Kolkata - 700 060



CC-3301



## CALIBRATION CERTIFICATE

ULR	CC330123000000769F		CERTIFICATE NO	RTC/23/789	
Date of Receipt	Date of Calibration	Certificate Issue Date	Location of Calibration	Suggested Due Date	SPF No / Date
29-Nov-23	30-Nov-23	02-Dec-23	LAB	29-Nov-24	SPF/23/063

Name of Customer - M/s	INSTANT DIAGNOSTIC SERVICES Post Office Chow Mohani, Hotel Dolphin Building, Agartala (West) Tripura - 799 001		Environmental Conditions	
			Temperature 25 ± 4°C	Relative Humidity 30 to 75% RH

Description of DUC	Digital Thermometer (Pen Type)		Make	Multi	Range	-50 to 300°C	
Name of Equipment	Digital Thermometer (Pen Type)		Model	ST-9283B	LC	0.1°C	
Condition of Item	Good	Calibration Discipline	Thermal	ID No	DTM-01	Type	Digital
Location of DUC	N/M	Calibration Parameter	Temperature	Sr. No.	N/M	Accuracy	N/M

### REFERENCE STANDARD & MEASUREMENT TRACEABILITY

Name	Serial No.	Certificate No.	Calibration Date	Due Date	Traceability No.
4 Wire RTD	20L737925 (indi)	ATL/T/160523/002	16-May-23	16-May-24	CC-2590

Calibration Procedure No.: The Calibration is carried out as per the "RTC-CP-T-01".

### CALIBRATION RESULT

Sr. No.	Calibration Point (°C)	Avg. Standard Reading (°C)	Avg. DUC Reading (°C)	Deviation (°C)	Expanded Uncertainty (°C)
1	50	50.10	50.0	-0.10	±1.27
2	100	99.99	99.9	-0.09	±1.27
3	150	150.03	150.1	0.07	±1.27
4	180	180.01	179.9	-0.11	±1.27
5	200	200.14	200.2	0.06	±1.27

Note: \*DUC: Device Under Calibration, N/M: Not Mentioned.

The Error is positive except when indicated otherwise. It has to algebraically subtracted from DUC Reading in order to get the standard reading. The Expanded Uncertainty associated with measurement at 95.4% confidence level & coverage factor K = 2 is above under uncertainty column.

Note :-

1. This certificate refers only to the particular item(s) submitted for calibration at Site/Laboratory.
2. Results reported are valid at the time of and under the stated conditions of measurement.
3. Certificate should not be reproduced, except in full, without the prior permission of laboratory.
4. Next Calibration due date mentioned as per customer requirement.
5. All reference standard used for calibration are traceable to National Standard.

\*\*\*\*\* End of Certificate \*\*\*\*\*

Vishal

Calibration Engineer  
(Vishal Kumar)

Format: RTC-QF-7.8-02



Praty

Authorized Signatory  
(Ramasare Prajapati)

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CALIBRATION

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