



R-TECH CALIBRATION

ISO/IEC 17025:2017 - NABL ACCREDITED LABORATORY

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



CALIBRATION CERTIFICATE

ULR : CC330123000000752F	CERTIFICATE NO. : RTC/23/752	
Date of Receipt : 14-Nov-23	Date of Calibration : 15-Nov-23	Certificate Issue Date : 15-Nov-23
Location of Calibration : LAB		Suggested Due Date : 14-Nov-24
SRF No. / Date : SRF/23/061		
Name of Customer : M/s HUMAN ANALYSIS CENTRE & Co.		Environmental Conditions
105/51B Dum Dum Road Sil Bagan (Near Laksmi Narayan Mandir) Kolkata - 700 074		Temperature : 25 ± 4°C Relative Humidity : 30 to 75% RH
Description of DUC : RTD with Indicator (Dig. Thermometer)	Make : Multi	Range : -50 to 300°C
Name of Equipment : RTD with Indicator (Dig. Thermometer)	Model : ST-9283B	L.C. : 0.1°C
Condition of Item : Good	Calibration Discipline : Thermal	ID. No. : DTM-01
Location of DUC : N/M	Calibration Parameter : Temperature	Sr. No. : N/M
		Type : Digital
		Accuracy : N/M

REFERENCE STANDARD & MEASUREMENT TRACEABILITY

Name	Serial No.	Certificate No.	Calibration Date	Due Date	Traceability No.
4 Wire RTD	Z0L737925 (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	50.02	49.9	-0.12	±1.27
2	100	100.11	100.2	0.09	±1.27
3	150	150.01	149.9	-0.11	±1.27
4	180	180.07	180.0	-0.07	±1.27
5	200	200.10	200.2	0.10	±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



Pam

Calibration Engineer
(Vishal Kumar)

Authorized Signatory
(Ramasare Prajapati)

Format : RTC-QF-7.8-02

Page No.: 01/01

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CALIBRATION

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