



Calibration Certificate



ULR No : CC269523000000075	Certificate No : SRF/240917/2/2/67	Date of Calibration 17/09/2024	Page Number : 01/02
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Name & Address of Client	Test 5L-123	Date of Issue	17/09/2024
		Recommended Due Date	16/09/2025
		Service Request No & Date	SRF/240816/2 & 16/08/2024

DETAILS OF UNIT UNDER CALIBRATION (UUC)

Instrument/Parameter Name	: Dig. Thermometer with Sensor	Accuracy/Acceptance Criteria	: \pm N/A
Range/Size	: 0 to 200 °C	ID.No	: DT-02
Least Count/Resolution	: 0.1 °C	Make/Model	: Work Zone/305K-II
Location Of Instrument	: Thermal	Calibrated At	: In House
Condition of UUC on Receipt	: Ok	Serial no.	: FK2752654
Equipment / Machine	: N/A		
Equipment Location	: N/A		
Department	: Thermal		
Calibration Method	: CI(T)-02	Standard Reference	: ITS-90

Environmental Conditions:	Temperature : 25.0 °C	Relative Humidity: 43 %Rh
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National / International Standard Used [Reference Standards/Working Standards]

Sr.No	Instrument Name	ID/Sr. No.	Accuracy/Acceptance Criteria	Uncertainty	Certificate No.	Calibrated By	Due Date
1	Super DAQ Precision Temperature Scanner with High Capacity Module	BELZ/T/DAQ-01	\pm	\pm	FL/C/ET/23112023-C001	Fare Labs (NABL CC-2739)	27/11/2024
2	Secondary Platinum Resistance Thermometer, Pt-100	BELZ/T/S/SPRT-01	± 0.007 °C	± 0.006 to 0.040 °C	FL/C/TH/15032024-C001	FARELABS (CC-2739)	20/03/2025

Notes :

- This Certificate refers only to the particular item submitted for calibration.
- The report shall not be reproduced except in full, without the written permission of the laboratory
- The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement for the particular sample.
- The calibration results are traceable to the traceability to National / International standards which realize the units of measurements according to the International System of Units (SI.)
- The expanded uncertainty was evaluated at a confidence level of approx. 95.45 % with Coverage factor (k) = 2.
- Calibration certificates issued for weight and measure parameters i.e. Mass, Balance, Volumetric equipment, Measuring scales / tapes etc., are for scientific purpose only and should not be used for trade / commercial use.



Lab QR Code



Certificate QR Code

For Belz Calibration Lab	
Calibrated By	Approved By
Electronically signed by Belz Instruments 17/09/2024, 09:51	Electronically signed by Belz Instruments 17/09/2024, 10:15
Calibrated By	Approved By

Format No. (BELZ/F/28A)



Calibration Certificate



CC 2733

ULR No : CC269523000000075	Certificate No : SRF/240917/2/2/67	Date of Calibration 17/09/2024	Page Number : 02/02
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DISCIPLINE : Thermal (Group -Temperature)

Calibration Results

Sr.No.	Nominal Value	Average Std. Readings	Average UUC Readings	Error	Expanded Uncertainty (\pm)
	$^{\circ}\text{C}$	$^{\circ}\text{C}$	$^{\circ}\text{C}$	$^{\circ}\text{C}$	$^{\circ}\text{C}$
1	10	10.231	9.9	-0.331	NaN
2	50	50.381	49.9	-0.481	NaN
3	150	150.241	149.4	-0.841	NaN
4	200	200.066	198.6	-1.466	NaN

Remarks :
Status Report Only.



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Calibrated By	Approved By

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----- END OF CALIBRATION CERTIFICATE -----