



BHARATH INSTRUMENTS

OFFICE : #36/239, Angappa Naicken Street, Mannady, Chennai - 600 001.

NABL
ACCREDITED
LABORATORY

CALIBRATION CERTIFICATE

CERTIFICATE NO: BI/24-01-0438		Page No: 01 of 02	
Date of Issue : 31/01/2024		Customer Name & Address	
Receipt Date : 30/01/2024 Calibration Date : 30/01/2024 Recommended Next Due : 29/01/2025		M/s. ICTC, PHC SHAHEED DWEEP	
Details of Device Under Calibration (DUC)		Reference Standards Details	
Description : REFRIGERATOR		Description : Digital Thermometer with Sensor	
Make & Model : LLOYD		Make & Model : Yudian & AI5600 / Aparajit Instruments & PT100	
Sr. No : TOJAG30M0037(BI:0438/2024)		Sr. No : 18E268109 / 266/16- 17	
Identification No : ICTI/PHC SHA/REFRI-01		Traceability : PC-11-23/ATL/1863-01	
Range : 2 to 8°C		Validity : 28-11-2024	
Least Count : 0.1°C		Environmental Conditions Details	
Location : _____		Temperature (* C) : 24.4	
DUC Condition : Good		Relative Humidity (%) : 52	
Calibration Procedure Details			
Calibration Procedure No : CP-T-08		Calibrated at : ON SITE	

CALIBRATION RESULTS

TOP

S.No.	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS READINGS	DEVIATION	EXPANDED UNCERTAINTY (±)
	°C	°C	°C	°C
1	2.0	2.007	-0.007	0.27
2	3.0	3.014	-0.014	0.31
3	4.0	4.022	-0.022	0.4
4	5.0	5.032	-0.032	0.4
5	6.0	6.044	-0.044	0.4
6	7.0	7.055	-0.055	0.4
7	8.0	8.068	-0.068	0.4
MIDDLE				
	°C	°C	°C	°C
1	2.0	2.009	-0.009	0.27
2	3.0	3.018	-0.018	0.31
3	4.0	4.024	-0.024	0.4
4	5.0	5.032	-0.032	0.4
5	6.0	6.046	-0.046	0.4
6	7.0	7.061	-0.061	0.4
7	8.0	8.075	-0.075	0.4

Calibrated By


(Calibration Engineer)



Authorised Signatory


(Quality Manager)

LAB : #33, Jones Street, Mannady, Chennai - 600 001.

E-mail : bharath.electronics4u@yahoo.com / bharathinstruments.electronics@gmail.com

Mob : 98418 21719, 97908 50019, Tel : 044-4352 1719. GSTIN : 33AUVPK5991R1ZD

Dealing Sales, Service, Calibration



BHARATH INSTRUMENTS

OFFICE : #36/239, Angappa Naicken Street, Mannady, Chennai - 600 001.

NABL
ACCREDITED
LABORATORY

CALIBRATION CERTIFICATE

CERTIFICATE NO: BI / 24 - 01- 0438

Page No: 02 of 02

CALIBRATION RESULTS

BOTTOM

S.No.	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS READINGS	DEVIATION	EXPANDED UNCERTAINTY (\pm)
	$^{\circ}\text{C}$	$^{\circ}\text{C}$	$^{\circ}\text{C}$	$^{\circ}\text{C}$
1	2.0	2.011	-0.011	0.27
2	3.0	3.02	-0.020	0.31
3	4.0	4.031	-0.031	0.4
4	5.0	5.043	-0.043	0.4
5	6.0	6.052	-0.052	0.4
6	7.0	7.063	-0.063	0.4
7	8.0	8.075	-0.075	0.4

REMARKS

- 1.The user should determine the suitability of the instrument for its intended use.
- 2.The recalibration interval should be determined on the user requirement.
- 3.The results stated in this certificate relate only to the item calibrated.
- 4.This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 5.Any correction / Modification in this calibration report kindly inform with in 30 days.
- 6.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor
7. Expanded Uncertainty (\pm) 2.5 $^{\circ}\text{C}$
8. Acceptable Limit = (\pm) 0.5 $^{\circ}\text{C}$

Calibrated By


(Calibration Engineer)



Authorised Signatory


(Quality Manager)