



BHARATH INSTRUMENTS

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

NABL
ACCREDITED
LABORATORY

CALIBRATION CERTIFICATE		Page No: 01 of 02
CERTIFICATE NO: BI/24-01-0389		
Date of Issue : 31/01/2024		Customer Name & Address
Receipt Date : 30/01/2024	Calibration Date : 30/01/2024	ICTC, PHC HUTBAY.
Recommended Next Due : 29/01/2025		
Details of Device Under Calibration (DUC)		Reference Standards Details
Description : REFRIGERATOR (Analog Thermometer)	Make & Model : LLOYD & GLFF282AHGTI	Description : Digital Thermometer with Sensor
Sr. No : GLFF282AMGTIPI3	Identification No : PHC/REFRI/ICTC/REFRI-01	Make & Model : Yudian & AI5600 / Aparajit Instruments & PT100
Range : 2 to 8°C	Least Count : 0.1°C	Sr. No : 18E268109 / 266/16- 17
Location : —	DUC Condition : Good	Traceability : PC-11-23/ATL/1863-01
Calibration Procedure Details		Validity : 28-11-2024
Calibration Procedure No : CP-T-08		Environmental Conditions Details
Calibrated at : ON SITE		Temperature (° C) : 24.4
		Relative Humidity (%) : 52

CALIBRATION RESULTS

TOP

S.No.	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS READINGS	DEVIATION	EXPANDED UNCERTAINTY (±)
	°C	°C	°C	°C
1	2.0	2.013	-0.013	0.27
2	3.0	3.021	-0.021	0.31
3	4.0	4.03	-0.030	0.4
4	5.0	5.042	-0.042	0.4
5	6.0	6.054	-0.054	0.4
6	7.0	7.062	-0.062	0.4
7	8.0	8.075	-0.075	0.4
MIDDLE				
	°C	°C	°C	°C
1	2.0	2.013	-0.013	0.27
2	3.0	3.025	-0.025	0.31
3	4.0	4.035	-0.035	0.4
4	5.0	5.05	-0.050	0.4
5	6.0	6.065	-0.065	0.4
6	7.0	7.074	-0.074	0.4
7	8.0	8.094	-0.094	0.4

Calibrated By
C. Vathi
(Calibration Engineer)



Authorised Signatory
A. K. S.
(Quality Manager)

LAB : #33, Jones Street, Mannady, Chennai - 600 001.
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Dealing Sales, Service, Calibration



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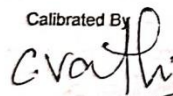
CALIBRATION CERTIFICATE	
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CALIBRATION RESULTS

S.No.	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS READINGS	BOTTOM	
	°C	°C	DEVIATION °C	EXPANDED UNCERTAINTY (±) °C
1	2.0	2.019	-0.019	0.27
2	3.0	3.026	-0.026	0.31
3	4.0	4.041	-0.041	0.4
4	5.0	5.052	-0.052	0.4
5	6.0	6.059	-0.059	0.4
6	7.0	7.066	-0.066	0.4
7	8.0	8.084	-0.084	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 (±) 2.5°C
8. Acceptable Limit = (±) 0.5°C

Calibrated By

(Calibration Engineer)



Authorised Signatory

(Quality Manager)

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