



BHARATH INSTRUMENTS

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

NABL
ACCREDITED
LABORATORY

CALIBRATION CERTIFICATE		Page No: 01 of 02
CERTIFICATE NO: BI/24-01-0432		
Date of Issue : 31/01/2024		
Receipt Date : 30/01/2024	Calibration Date : 30/01/2024	Customer Name & Address ICTC, BJR CAR NICOBAR.
Recommended Next Due : 29/01/2025		
Details of Device Under Calibration (DUC)		Reference Standards Details
Description : REFRIGERATOR	Make & Model : WHIRLPOOL & F220	Description : Digital Thermometer with Sensor
Sr. No : INA025007758	Identification No : (BI:0432/2024)	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	Calibrated at : ON SITE	Environmental Conditions Details
		Temperature (* C) : 24.4
		Relative Humidity (%) : 52

CALIBRATION RESULTS

TOP

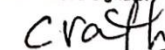
S.No.	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS READINGS	DEVIATION	EXPANDED UNCERTAINTY (±)
	*C	*C	*C	*C
1	2.0	2.007	-0.007	0.27
2	3.0	3.017	-0.017	0.31
3	4.0	4.027	-0.027	0.4
4	5.0	5.037	-0.037	0.4
5	6.0	6.051	-0.051	0.4
6	7.0	7.06	-0.060	0.4
7	8.0	8.078	-0.078	0.4
MIDDLE				
	*C	*C	*C	*C
1	2.0	2.011	-0.011	0.27
2	3.0	3.019	-0.019	0.31
3	4.0	4.029	-0.029	0.4
4	5.0	5.036	-0.036	0.4
5	6.0	6.047	-0.047	0.4
6	7.0	7.064	-0.064	0.4
7	8.0	8.078	-0.078	0.4

Calibrated By


(Calibration Engineer)



Authorised Signatory


(Quality Manager)

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



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CALIBRATION CERTIFICATE

CERTIFICATE NO: BI / 24 - 01- 432

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S.No.	CALIBRATION RESULTS		BOTTOM	
	DEVICE UNDER CALIBRATION READINGS	STANDARD INSTRUMENTS READINGS	DEVIATION	EXPANDED UNCERTAINTY (±)
	°C	°C	°C	°C
1	2.0	2.017	-0.017	0.27
2	3.0	3.026	-0.026	0.31
3	4.0	4.039	-0.039	0.4
4	5.0	5.052	-0.052	0.4
5	6.0	6.058	-0.058	0.4
6	7.0	7.071	-0.071	0.4
7	8.0	8.086	-0.086	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)



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