



GLOBAL TECHNICAL SERVICES

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CC-2957

CALIBRATION CERTIFICATE

1.CUSTOMER	-	Page No.	- 1 of 1
ICTC - 2 CENTRE	North Goa District Hospital, MAPUSA, GOA	SRF No	- GTB/ZZ/S927102
		Certificate No.	- GTB/ZZ/S927102-002
		Date of Received	- 27.09.2022
		Date of Calibration	- 27.09.2022
		Next Calibration Due On	- 26.09.2023
		Issue Date	- 03.10.2022
Ambient Temp. (°C)	- 21 to 40	Calibration method No.	- TH-WI-02
Relative Humidity (%RH)	- 30 to 75	ULR No	- CC295722000010125F
Location of calibration	- On Site		
Condition of Item	- Ok		

2. Description of Item		Range	- 0 to -20/ 2 to 8 °C
Name	- TIWS (Refrigerator)	Least Count	- 1 °C
Id No	- GSACS/REF/NACP- NI/ICTC/NGDHP/19-20/04	Location	- ICTC 2 LAB
Make	- HAIER	Sr No	- BL062KE3POIT3K530319
Type	-	Dept.	- GSACS

3.Details of Equipment used for calibration				
Name	Certificate No.	Certified By	ID No.	Calibration Validity
Precision Thermometer With Sensor	NI/2205/059/002	Nishitronics Instrumentation	GTS/PTH/01	22.05.2023

*Thermal Calibration				
4.Calibration Results				
Calibration Points °C	Corrected Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ± °C
-20	-20.14	-20	0.14	0.50
2	1.79	2	0.21	0.50
5	4.84	5	0.16	0.50
8	7.88	8	0.12	0.50

Note:

- 1)The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$, which corresponds to a coverage probability of approximately 95.45% for normal distribution
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Global Technical Services, Pune".
- 6) Type of immersion : Partial
- 7)The Instruments used for calibration are traceable to National/International standards and their Calibrations are valid.

Calibrated By <i>Rohit</i> Calibration Engineer Rohit		Approved By <i>SB</i> Technical Manager Swapnil Bhagwat
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RF-55/01 End of Certificate

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