



GLOBAL TECHNICAL SERVICES

Sec. No.25, Plot No.49/3, L.I.G. Colony, Pradhikaran, Nigdi, Pune - 411044

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CC-4048

CALIBRATION CERTIFICATE

1.CUSTOMER :- HOFFEN DIAGNOSTICS BAVDHAN, PUNE	Page No. :- 1 of 1 SRF No :- GTS/241017/05 Certificate No. :- GTS/241017/05-002 Date of Received :- 17.10.2024 Date of Calibration :- 17.10.2024 Next Calibration Due On :- 16.10.2025 Issue Date :- 21.10.2024 Calibration method No. :- TH-WI-02 ULR No :- CC404824000003279F
Ambient Temp. (°C) :- 25±4 Relative Humidity (%RH) :- 30 to 75 Location of calibration :- In Lab Condition of Item :- Ok	

2. Description of Item	
Name :- Digital Thermometer Id No :- HOF - 12 Make :- TPM 10 Type :- Digital	Range :- -30 to 110 °C Least Count :- 0.1 °C Location :- LAB Dept. :- Pathology

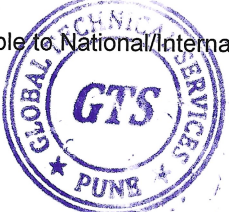
3.Details of Equipment used for calibration				
Name	Certificate No.	Certified By	ID No.	Calibration Validity
Precision Thermometer With Sensor	NI2024/04/0079	Nishitronics Instrumentation	GTS/PTH/01	09.04.2025

*Thermal Calibration				
4.Calibration Results :-				
Calibration Points °C	Corrected Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ± °C
-20	-20.19	-20.1	0.09	0.50
2	1.74	2.1	0.36	0.50
5	4.79	5.1	0.31	0.50
10	9.85	10.2	0.35	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

 Calibration Engineer
 Rohit.L



Approved By

 Technical Manager
 Swapnil Bhagwat



CC-2294

**Nishitronics
Instrumentation**▶ Service Engineers
▶ Calibration Services in Industrial Process Control
*We work for Customers Satisfaction***CALIBRATION CERTIFICATE**

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Customer : Global Technical Services	ULR No. : CC229424000002261F
Sec. No -25, Plot No- 49/3 LIG Colony Pradhikaran Nigdi Pune, Maharashtra Pin Code : 411044	Discipline : Thermal
Env. Conditions Temp. $23 \pm 1.5^\circ\text{C}$, $50 \pm 10\%$ RH	Certificate No. : NI2024/04/0079
Location of Calibration : At Lab	Date of Issue : 11/04/2024
Characteristic and Condition of Item : OK	Date of Receipt : 08/04/2024
	Date of Calibration : 10/04/2024
	Cal. Req. No. : 24/04/32/2
	Next Due Date : 09/04/2025
	Parameter : Temperature
	Calibration Method No. : NI / CP / T / 01

Details of Items :

Name : Precision Thermometer With Sensor	Range : -100 to 400°C
ID No. : GTS/PTH/01	L.C. : 0.01°C
Sr.No. : 1408111114	Accuracy : $\pm 0.05\%$ Reading $\pm 0.1^\circ\text{C}$
Make : Center	Location : -
Model : 375	

Master Instruments Detail

Nomenclature	Id.No.	Valid Upto	Calibrated At./ CC NO.
PRT with Tem. Indicator	NI/PRT/S/01	01/01/2025	Nishitronics Instrumentation (CC-2294)

Observation**Calibration Results**

Calibration Point $^\circ\text{C}$	Standard Reading $^\circ\text{C}$	UUC Reading $^\circ\text{C}$	Error $^\circ\text{C}$	Expanded Uncertainty $\pm^\circ\text{C}$
-38	-38.154	-38.10	0.054	0.040
0	0.237	0.33	0.093	0.030
100	100.145	100.23	0.085	0.030
200	200.155	200.28	0.125	0.060
400	400.172	400.37	0.198	0.060

The reported measurement uncertainty is estimated at a level of confidence of approximately 95 % with a coverage factor $k = 2$.**Remarks :**

- 1) Result are related only to the item calibrated.
- 2) This certificate refers only to the particular items submitted for calibration.
- 3) This certificate shall not be reproduced except in full without our prior permission in writing.
- 4) The calibration results reported in this particular certificate are valid at the time of an under stated condition of measurement.
- 5) Standard used for calibration were traceable to National / International standard.
- 6) Readings given above are as on received condition of an instrument.
- 7) Above calibration done is meant for scientific & industrial purpose only.

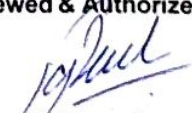
Calibrated By


A.B. Gongane

Technical Assistant



Reviewed & Authorized By


V. Hingmire

Technical Manager

Flat No. 1, Gurukrupa Building, Plot No.113, Mahesh Co-op Hsg Soc., Dindewadi, Pune

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---- END OF CERTIFICATE ----