



RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

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RIR CERTIFICATION
ISO 9001:2015



ACCREDITED BY
IAS, USA
MSC D-117



CC-2927

CALIBRATION CERTIFICATE

1. CUSTOMER

Dr. Manisha Mishra's Pathology Laboratory

1st Floor, Near Karishma Kapda Bazar, Girls College Road,
Ansari Ward, Gondia - 411 601.

Ambient Temp. (°C) :- 23.2

Relative Humidity (%RH) :- 53

Location of calibration :- In Lab/On Site

Condition of Item :- Ok

Page No. :- 1 of 1

NABL Accreditation No. :- CC-2927

Certificate No. :- 22.09.24.009

Date of Received :- 24.09.2022

Date of Calibration :- 24.09.2022

Next Calibration Due On :- 23.09.2023

Calibration method No. :- RTS-WI-10

Date of Issue :- 26.09.2022

ULR No. :- CC292722000007665F

2. Description of Item

Name	:- Temp. Ind. With Sensor (Thermometer)	Range	:-	-20 °C
Sr. No.	:- PM-10	Least Count	:-	0.1 °C
Make	:- ACETEQ			
Type	:- Digital	Location	:-	Lab

3. Detail of Equipment used for calibration

Name	:- 6½ DMM	PT 100 Sensor
Certificate No.	:- VI/21-22/0472-03	TL/022/654.2.1
Certified By	:- VIPL	Tempsens
ID/Sr. No.	:- TW00005089	TPRT-1574
Range	:- As per traceability	-200 to 500 °C
Uncertainty	:- As per traceability	± 0.15 °C
Calibration Validity	:- 28.09.2022	08.06.2023

Discipline :- Thermal Calibration

Group :- Temperature

4. Calibration Results

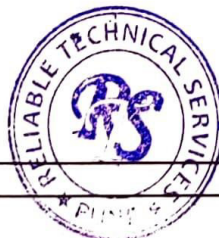
Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°C
-20	-19.96	-19.9	0.06	0.40

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% 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 "Reliable Technical Services, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) Conformity with requirements :-

Calibrated By

Calibration Engineer
Sagar Kore



Approved By

Technical Manager
Sachin A. Mhasawade

