



APEX QUALITY CERTIFICATION SERVICES PVT. LTD.

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CALIBRATION CERTIFICATE

ULR: CC229822000001304F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS M/S RELIABLE DIAGNOSTIC CENTER, Near Manglam City, Jaipur Road, Chomu Bypass Crossing, Radhaswami Bagh, Chomu (Rajasthan)	CERTIFICATE NO.: Date of Issue of Certificate Date of Calibration Recommended due date	AQCS/22070101.001 02/07/2022 01/07/2022 30/06/2023

Service Request No.	220628/01	INSTRUMENT DESCRIPTION
Service Request Date	28/06/2022	Nomenclature Temperature Indicator with sensor
DUC Receipt Date	30/06/2022	Make R-Tek
DUC Condition	Ok	Model RT-60S
Cal. Performed At	Lab	Sr. No. / Ident. RT-27444 / RDC/Chomu/TI/01
Procedure Followed	CP/TH-03	Range -10 to +50 °C
Environmental Condition		Least Count 0.1 °C
Temperature 25±2.5°C	Rel. Hum. 50±10%	Location Lab

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty (±)	Identification No.	Traceability Certificate No.	Valid up to
PT100, 4 wire RTD with Indicator	-80 to 200 °C	0.08 °C	11339 /16A046131	TL/022/662.1.1	10/06/2023

CALIBRATION RESULT

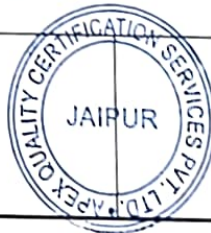
Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
-9.78	-9.9	-0.12	0.23
4.97	4.9	-0.07	0.23
20.18	19.9	-0.28	0.23
35.24	34.8	-0.44	0.23
50.36	49.7	-0.66	0.23

REMARKS :

- Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor $k = 2$ is as given above.
- The result reported in this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument identified above.
- This certificate shall not be reproduced, except in full, unless a written permission for the publication of an approved abstract has been obtained from the Director, Apex Quality Certification Services Pvt. Ltd. Jaipur
- Format Number.: F-06/00

Calibrated by

(V. B. Mathew)



Approved by

(R. R. Yadav)

Quality Manager