



Perfect Calibration Centre Pvt. Ltd.

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NABL LAB FOR : MECHANICAL • THERMAL • ET • AIR / FLUID FLOW • FORCE • MASS • OPTICAL

ULR-CC220722000023613F

CERTIFICATE OF CALIBRATION

ISSUE DATE: 26/04/2022

CERTIFICATE NO. : PC - 04-22 / ATL / 1864-10

CUSTOMER : M/s.SRI SAMRAJ LABS.,

CAL DATE : 26/04/2022

ADDRESS : 1A/24,BHARATH TOWERS,BY PASS ROAD,
THIRUVARUR-610 001.

DUE DATE : 25/04/2023

CUST REF : SRF.NO : 1864 , DATE : 26/04/2022

PAGE NO. : 1/1

DEPT : AT OUR LAB

DISCIPLINE: THERMAL

TEMPERATURE INDICATOR WITH SENSOR

DATE OF RECEIPT : 26/04/2022

TEMPERATURE : 26.4°C

PHYSICAL CONDITION : SATISFACTORY

HUMIDITY : 53%RH

DUC DETAILS

MAKE : MULTI

SL.NO. : ----

ID.NO. : SSLTVR / EQP / MT / 25

INST.NAME : TEMPERATURE INDICATOR WITH SENSOR

MODEL : ST-9283B

RANGE : -50 to 300°C

L.C : 0.1°C

STANDARD USED	SL.NO/ ID.NO	CERT.NO	VALIDITY
SPRT WITH INDICATOR	PCCPL/TH/SPRT-01	PC-12-21/ATL/3166-01	22/12/2022

REFERENCE STANDARD : DKD-R-5-1

CALIBRATION PROCEDURE : WI-TH-TWI-04(L)

CALIBRATION RESULTS :

SL. NO.	TEST METER READING in °C	STD.METER READING in °C	OBSERVED DEVIATION in °C	UNCERTAINTY (±) °C
1	-29.1	-30.174	1.074	0.093
2	0.4	0.386	0.014	0.093
3	30.1	30.103	-0.003	0.093
4	60.3	60.317	-0.017	0.093
5	90.1	90.324	-0.224	0.093
6	120.0	120.374	-0.374	0.75

THE REPORTED EXPANDED MEASUREMENT UNCERTAINTY IS STATED AS THE COMBINED STANDARD MEASUREMENT UNCERTAINTY MULTIPLIED BY THE COVERAGE FACTOR K=2 SUCH THAT THE COVERAGE PROBABILITY CORRESPONDS TO APPROXIMATELY 95%.

TEMPERATURE SCALE : INTERNATIONAL TEMPERATURE SCALE, 1990 (ITS-90)

*** END OF CERTIFICATE ***


SRINIVASAN.V
ENGINEER




VIDHYA.P
Prepared by




CHANDRA SEKAR.S
TECHNICAL MANAGER

Calibrated / Checked by

Authorised Signatory

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