



TransCal

Measurement to Perfection...

Main Bld. Premises : Centenary Building (G. Fir), Door No. At : 100
W. Park Rd., Between Sampighe Road And Margosa Rd.,
10th Crs., Malleswaram, Bangalore City, Pin - 560003



CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. Northlab (India) Pvt. Ltd.,
Plot No.1, S.V.Nagar, Perumalpattu, Thiruvallur, IND 602 024

Customer's Reference : SRF No. : TSC/21-22/5622 Dated : 31 Jul 2021

ULR.NO CC223121000065839F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/21-22/5622-2	03 Aug 2021	--	1 of 2

Details of device under calibration		Transcal ID : TSC229024	
Nomenclature	: SPRT Sensor with Digital Multimeter	No. of Pages	: 2
Make	: Fluke/HP	Cal Procedure No.	: TSC/CAL/501
Model/Range	: 5626/3457A	DUC Received	: 31 Jul 2021
SI No.	: 3870/3114A16938	DUC Condition on Receipt	: Satisfactory
ID No.	: --	Cal At	: Thermal Lab

Environmental Conditions : Temperature in °C : 25

Humidity in RH % : 69

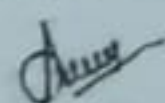
Standards used :

SI No.	Nomenclature	Make	Model	SI No/ID.No.	Certificate No.	Validity
1	Field Metrology Well	Fluke	9144	B26026	Used as Source	16 Jan 2022
2	Field Metrology Well	Fluke	9190A	B59347	Used as Source	15 Oct 2021
3	Cryocan with LN2 liquid bath	Cryocan	--	TSC/TCAL/146	Used as Tool	15 Jul 2022
4	SPRT Sensor with Readout	Fluke	5609/1524	01161 / 2024133	ETL/1881/21/C/F/028	16 Feb 2022

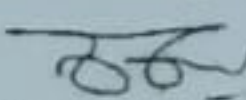
Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any, in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part' of this Report- provided for incorporation of additional data (To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings are out of specification limit & '-' indicates no specification limit furnished.
8. Unless otherwise specified the Measurement Data reported is "As Found"-Without any adjustment.
9. Consider Model or Range whichever is applicable.
10. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By

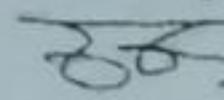

Anitha P
(Calibration Engineer)

Checked By


V Shashidhar
(Lab Incharge)



Authorised By


V Shashidhar
(Lab Incharge)



Scientific Temper



Honesty, Humility



CC-2457

**NORTHLAB (INDIA) PVT. LTD.**Laboratory : Plot No. 1, S.V Nagar, Perumalpattu, Thiruvallur - 602 024.
Ph.: +91 89399 23940 / 89399 40050 E-mail: sales@northlab.in Website: www.northlab.in**Calibration Certificate**

Cert. No. : 2870622-T03	ULR NO : CC245722400001301F
Date of Issue : 24-Jun-2022	Page : 1 of 1
Customer : THE MEDICAL OFFICER INCHARGE	Date Received : 23-Jun-2022
Address : Community Health Centre, T.V.Malai Road, Mannadipet, Puducherry - 605501.	Date Calibrated : 24-Jun-2022
	Due Date : 23-Jun-2023
	Ambient Temp. : 23±3°C
	Relative Humidity : 60±15% R.H
	Serial No. : 201506012118
Instrument : <u>DIGITAL THERMOMETER WITH SENSOR</u>	Instrument ID. : ---
Manufacturer : III INSTRUMENTICS	Range (Res.) : -50~300°C(0.1°C)
Model No. : ---	Accuracy / MPE : ±1°C
Part No. : ---	Test Results : As Found
Location : ---	

METHOD OF CALIBRATION

1. The instrument was calibrated as per method no. TTS at Northlab in accordance with ISO/IEC 17025:2017(E).

Master Instrument Used

Master Instrument Used	Cert. No	Cal. Date	Validity	Traceability
1. Platinum Resistance Thermometer (PRT) With DMM	TSC/21-22/5622-2	03-Aug-2021	02-Aug-2022	TRANSCAL

RESULTS OF THERMAL CALIBRATION

MASTER READING (°C)	INSTRUMENT READING (°C)	CORRECTION (°C)	TOLERANCE (±) °C	STATUS	MEASUREMENT UNCERTAINTY (±) °C
-19.92	-19.7	-0.22	1.0	PASS	0.39
0.24	0.5	-0.26	1.0	PASS	0.39
50.28	50.0	0.28	1.0	PASS	0.39
150.05	149.7	0.35	1.0	PASS	0.39
249.97	249.5	0.47	1.0	PASS	0.39

REMARKS / DEVIATIONS IF ANY (SEE BACK OF THIS PAGE)

1. The instrument is within the Maximum Permissible Error.

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D.Kamali
D.Kamali
Calibration OfficerA.Murugappan / L.Muthuraman / S.Preetha
Authorised Signatory
NorthLab (I) Pvt. Ltd

End of Certificate

எனவினால் ஆகிய ஆக்கம் அளவிறந்து
புது போலக் கெடும்" -குறள் 283The property, which is acquired by fraud, will pass all bounds
and perish, even while it seems to increase. - Kural 283