



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

<b>Cert. No.</b> : 2360622-M314	<b>ULR. No.</b> : CC245722700002891F
<b>Date of Issue</b> : 23-Jun-2022	<b>Page</b> : 1 of 1
<b>Customer</b> : THE MEDICAL OFFICER	<b>Date Received</b> : 22-Jun-2022
<b>Address</b> : PPTCT (I/C), Maternity Block, Govt. General. Hospital, Kamarajar Salai, Karaikal - 609 602.	<b>Date Calibrated</b> : 22-Jun-2022
	<b>Due Date</b> : 21-Jun-2023
	<b>Ambient Temp.</b> : 23±2°C
	<b>Relative Humidity</b> : 55±20% r.h.
<b>Instrument</b> : <u>CENTRIFUGE</u>	<b>Serial No.</b> : T0650D
<b>Manufacturer</b> : EITEK	<b>Instrument ID.</b> : ---
<b>Model No.</b> : TC6500	<b>Range</b> : 0-4500rpm(10rpm)
<b>Part No.</b> : ---	<b>Accuracy / MPE</b> : ---
<b>Location</b> : PPTCT	<b>Test Results</b> : As Found

### METHOD OF CALIBRATION

The instrument was calibrated as per method no. MRM (Based on TR 45-02) at customer premises in accordance with ISO/IEC 17025:2017(E).

Standard Instrument Used	ID No. / Cert. No	Cal. Date	Cal. Due	Traceability
1. DIGITAL TACHOMETER	HT/CC/220407-05/001	13-Apr-2022	12-Apr-2023	HI TECH

### RESULTS OF MECHANICAL CALIBRATION

NON-CONTACT					
INSTRUMENT READINGS (r.p.m)	NOMINAL VALUES (r.p.m)	CORRECTION (r.p.m)	TOLERANCE (r.p.m)	STATUS	MEASUREMENT UNCERTAINTY ± (r.p.m)
1000	1001.3	1.3	---	---	0.35
2000	2003.1	3.1	---	---	0.64
3000	3002.9	2.9	---	---	0.93
4500	4501.1	1.1	---	---	1.36

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

S. Vijaykanth  
Calibration Officer



A. Murugappan / L. Muthuraman  
Authorised Signatory  
NorthLab (I) Pvt. Ltd

\*\*\*End of Certificate\*\*\*

“களவினால் ஆகிய ஆக்கம் அளவிறந்து  
ஆவது போலக் கெடும்” -குறள் 283



The property, which is acquired by fraud, will pass all bounds and perish, even while it seems to increase. - Kural 283



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## Calibration Certificate

Cert. No.	: 2360622-E113	ULR NO	: CC245722600003793F
Date of Issue	: 23-Jun-2022	Page	: 1 of 1
Customer	: THE MEDICAL OFFICER	Date Received	: 22-Jun-2022
Address	: PPTCT (I/C), Maternity Block, Govt. General. Hospital, Kamarajar Salai, Karaikal - 609 602.	Date Calibrated	: 22-Jun-2022
		Due Date	: 21-Jun-2023
		Ambient Temp.	: 25±2°C
		Relative Humidity	: 60±10% r.h.

Instrument	: <u>TIMER (CENTRIFUGE)</u>	Serial No.	: TO650D
Manufacturer	: ELTEK	Instrument ID.	: ---
Model No.	: TC 650D	Range (Res.)	: 0~99min
Part No.	: ---	Accuracy / MPE	: ---
Location	: PPTCT	Test Results	: As Found

### METHOD OF CALIBRATION

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

Master Instrument Used	Cert. No	Cal. Date	Validity	Traceability
1. Digital Timer	TSC/21-22/13349-1	25-Dec-2021	25-Dec-2022	TRANSCAL

### RESULTS OF ELECTRO TECHNICAL CALIBRATION

MASTER VALUE				DUC READING				CORRECTION		TOLERANCE (±) s	STATUS
Hr.	min.	sec.	1/100 s.	Hr.	min.	sec.	1/100 s.	sec.	1/100 s.		
00	05	00	03	---	05	00	---	00	03	---	---
00	10	00	07	---	10	00	---	00	07	---	---
00	15	00	12	---	15	00	---	00	12	---	---
00	30	00	16	---	30	00	---	00	16	---	---
00	45	00	21	---	45	00	---	00	21	---	---

### REMARKS / DEVIATION IF ANY

(SEE BACK OF THIS PAGE)

1. This result has an expanded uncertainty of ±0.47s with a coverage factor k=2 at approximately 95% confidence level.

K. Dinesh Kumar  
Calibration Officer

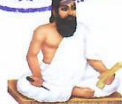
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\*\*\*End Of Certificate\*\*\*

L. Muthuraman / A. Alexander / U. Akshaya  
Authorised Signatory  
NorthLab (I) Pvt. Ltd

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