



# MEASURE TECHNO LAB

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KOLKATA - 700120, W.B.



CC - 2545

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## CALIBRATION CERTIFICATE OF TIMER OF CENTRIFUGE

1.0 Calibration Certificate No.: MTL / D / R01A / 06 - 24

ULR - CC254524000028075F

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1.0 Service Request No.: MTL / 14G / 06 / 25 - 26

1.1 Issued to: M/s. Diagnostics,  
190B, Rashbehari Avenue,  
Kolkata - 700029.

1.2 Description & Identification of Item to be Calibrated:	a) Name:	Timer of Centrifuge	b) Code No.:	DIA / BIO / 08
	c) Sl. No.:	ICLC - 5060	d) Make:	Remi
	e) Model / Type:	R - 8C	f) Range:	99 min.
	g) Sensor:	N.A.	h) Resolution:	1 min.
	i) End User:	Biochemistry	j) Accuracy:	N.S.
	k) Calibration done at:	√ On Site / In House		

1.3 Date of receipt of item : 14-06-24      1.4 Physical Condition of DUC : OK

1.5 Date of calibration : 14-06-24      1.6 Recommended date of next calibration: 14-06-25

1.7 Date of Issue : 15-06-24

1.8 Environmental Conditions During Calibration:      Temperature: 25 °C ± 2 °C  
   Humidity: 55 % RH ± 10 % RH

1.9 Method of Calibration: MTL / ET / 17 (A) & MTL / ET / CAL / 01

1.10 Traceability :

- a) Standards used for calibration are traceable to National standards through NABL Accredited Laboratory.
- b) The following standards / Equipment have been used.

i) Digital Time Calibrator Cal. Certificate No. TSC/23-24/6557-1 (TSC, Bangalore) (Cal. Date: 20/07/23, Due Date: 19/07/24)

### 1.1 Result :

#### Electrotechnical Calibration

Sl. No.	Parameter/ Range	Nominal Value on DUC min.	Std. Value sec.	Error sec.	Measurement Expanded Uncertainty ± min.
1.		1	60.197	-0.197	0.5776
2.	Time	5	300.415	-0.415	0.5776
3.	99 min.	10	600.552	-0.552	0.5776
4.		20	1200.674	-0.674	0.5776

- Remarks: i) This result has an expanded uncertainty with a coverage factor k=2 at approximately 95% confidence level.  
 ii) The calibration certificate issued for this instrument is to be used for scientific or industrial purposes only.  
 iii) Error = DUC Reading - Standard Reading.  
 iv) Calibrations are carried out without any adjustment or repair.

DUC - Device Under Calibration      N.S. - Not Specified      N.A. - Not Applicable      Std. - Standard      sec. - Second  
min. - Minute

Opinions and Interpretations	√	Accepted / Valid for use
Calibrated		Rejected / Out of use
Limited Use		

Calibrated by:  
*S. Saha*  
Calibration Engineer  
Measure Techno Lab.  
Kolkata

Checked / Approved by:  
*S. Pandey*  
Quality / Technical Manager  
S. Pandey

Form No. - MTL/22/2006      Issue No. : 2      Issue Date : 10.11.06      Rev. No. : 04      Rev. Date : 01.04.22