



**CALIBRATION REPORT**

Report No : HBMS/CAL/23-24		Calibration Date : 15.06.2023
		Calibration Valid: 14.06.2024
<b>1.1.CUSTOMER DETAILS:</b>		
Name and Address of the organization		M/s, URBAN PRIMARY HEALTH CENTRE, CORPRATION HOSPITAL, THUDIYALUR, COIMBATORE.
<b>1.2. DESCRIPTION OF DEVICE UNDER TEST (DUT):</b>		
EQUIPMENT NAME		CENTRIFUGE
i	Manufactured by	LABOTECH
ii	Model	LABOSCOPE
iii	Serial No	76320
iv	Location	LABORATORY

**CALIBRATION WORKSHEET**

LOCATION: LABORATORY

**Tabulation For – Centrifuge**

S.no	Unit under test IN Minutes	Observed speed tachometer in RPM	Deviation measured $\pm$ RPM	Combined uncertainty in RPM in % rdg
1	1000	1000	2	1.12
2	1200	1201	2	1.23
3	1500	1502	4	1.56
4	2000	1999	1	1.175

Acceptable deviation is  $\pm 5$  RPM it depends on Max Speed Range



### 5. TRACEABILITY DETAILS OF INSTRUMENTS USED FOR TESTING

S.No	Name of the instrument	Make	Model	Serial no	Cal Due
1.	Electrical safety analyser	Fluke	Esa612	3005050	07 OCT 2023

### 6. ELECTRICAL SAFETY TEST

S.NO	PARAMETER	OBSERVED VALUE	ACCEPTANCE LIMITS AS PER THE STD	REMARKS
1.	Protective earth resistance	0.129Ω	<0.3 Ω	Ok
2.	Earth leakage	134.21μA	<210 μA NC	Ok
3.	Patient leakage current	NA	<100 μA BF	Ok
4.	Equipment current	0.3A	As per the manufacture spec	Ok
5.	Mains voltage (P-E)	230.5V	-	Ok
6.	Mains voltage (P-N)	231.2V	-	Ok
7.	Mains voltage (N-E)	1.0V	<5V	Ok
8.	Enclosure leakage current	50 μA	<100 μA (normal)	Ok
9.	Insulation resistance	OL	>100 M Ω	Ok

S.NO	7.Remarks
1.	This report is applicable to the sample tested only
2.	The instrument used for testing are valid calibration and are traceable to national standards
3.	Parameter of the DUT were verified and found to be within the specified limits

Verified by :

*S. Jeyap*

MD Reg No: TN/CBE/MD42/00016

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