



CALIBRATION REPORT

Report No: HBMS/CAL/22-23		Calibration date:23.11.2022
		Calibration due: 22.11.2023
1.1. CUSTOMER DETAILS:		
Name and Address of the organization		M/s, PRIMARY HEALTH CENTRE THALIYUR,COIMBATORE..
1.2. DESCRIPTION OF DEVICE UNDER TEST (DUT):		
EQUIPMENT NAME		CENTRIFUGE
I	Manufactured by	LABTECH
Ii	Model	-----
iii	Serial No	PHC/CAL/CEN/001

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	0	1.12
2	1200	1202	2	1.231
3	1500	1503	3	1.56
4	2000	2002	2	1.175

Acceptable deviation is ± 5 RPM it depends on Max Speed Range



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S.no	Unit under test in minutes	Standard reading Digital Timer in minutes	Deviation measured in minutes
1	05.0	05.1	0.1
2	10.0	10.2	0.2
3	15.0	15.1	0.1
4	20.0	20.2	0.2

Acceptance deviation: ± 0.5 seconds


Testy equipment used

The calibration was performed by using Digital Multimeter & PT -100 sensor, Digital Timer (Stop Watch) and Digital Tachometer (non – contact) measured has been inspected in accordance with our inspection procedures to meets manufactures specification.

Remarks

This certificate may not be reproduced other than is full Except prior permission of laboratory.

Verified by :


 Calibration Engineer



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