



CALIBRATION REPORT

Report No : HBMS/CAL/23-24		Calibration Date : 14.08.2023
		Calibration Valid: 13.02.2024
1.1.CUSTOMER DETAILS:		
Name and Address of the organization		M/s, PRIMARY HEALTH CENTRE, SAMATHUR,COIMBATORE.
1.2. DESCRIPTION OF DEVICE UNDER TEST (DUT):		
EQUIPMENT NAME		CENTRIFUGE
i	Manufactured by	LABOTECH
ii	Model	BDI-152
iii	Serial No	SM/PHC/CF/001
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 ± 5 RPM it depends on Max Speed Range





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

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Verified by :