



Certificate of Calibration

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Certificate No.: N/0311A/07/2020 (ULR-CC21182000003476F) Date of Performance of Calibration: 27-07-2020
 Calibration At: LABORATORY User Specified Due Date: 27-07-2021
 Date of Issue of Calibration Certificate: 29-07-2020

Customer Details

Calibrated For: Shakti Scientific Co Division : --
 LF-16, 4th Floor, Lotus Aura-1, Sama-Savli Road, Vadodara - 390008.
 Reference: Challan No: 266, Dated: 25/07/2020 Location : --

Device Under Calibration

Date of Receipt: 25-07-2020 Conditions on Receipt: Satisfactory
 Description: Tachometer Digital (Non-Contact) Make/Model: Lutron/DT2234C
 Size/Range: 5 to 99999RPM Least Count: 0.1RPM upto 999.9 RPM & 1RPM above it
 Identification: -- Sr No.: L165478
 Accuracy Class of DUC: Not Specified

Master Equipment Used for Calibration(Traceability:NABL Lab/NPL)

Sr No.	Items	Identification	Range	Traceability	Valid Upto
1	Digital Tachometer	DCNCT/SCS/67/12/2007	99999 RPM	IDEMI Certificate No.:CC/ECL/0907/19-20	16-08-2020

Calibration Parameters

Environmental Condition: Temperature:25 °C Humidity:54%RH
 Procedural Reference: CP 403 based on S9086-Q5-STM-010/CH-491R1, Rev. 1, THE NAVAL SEA SYSTEMS COMMAND (SEA-03Z71),U.S

Mechanical Calibration

Results : Item is Calibrated in as found conditions without any adjustments

Standard Readings in RPM	DUC Reading in RPM	Deviation in RPM	(±) % Expanded Uncertainty
120.0	120.0	0.0	2.34
960.0	960.1	0.1	0.27
3840	3840	0	0.10
30720	30722	2	0.07

Expanded Uncertainty: ±As Per Result at 95.45% confidence level with coverage factor $k=2$

Note: Identification with self adhesive stickers affixed on DUC/case with user specified due date.

--- END OF CERTIFICATE ---

Calibrated By
 Dakshesh P Talpada
 Calibration Engineer



Review and Authorised By
 Binay B Bhuptani
 QM



CALIBRATION CERTIFICATE

CUSTOMER. Pulsepath Clinical Laboratory
1st Floor, 23, Aroma Complex Soma
Talav Road, Dabhoi Road, Vadodara

CERTIFICATE NO: 081

DESCRIPTION OF ITEM: Lab Centrifuge "Remi" **CERTIFICATE DATE:** 17/09/2020

MODEL NO: R8C

SR.NO: JFLC-11710

RANGE: 4000RPM

DETAILS OF EQUIPMENT USED FOR CALIBRATION:

SR.NO	DESCRIPTION	CERTIFIED BY	CERTIFICAT NO.	VALIDITY
1	DIGITAL TECHOMETER	SADBHAV CALIBRATION	N/0311A/07/2020	27/07/2021

OBSERVATIONS

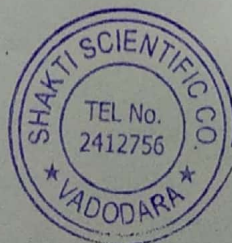
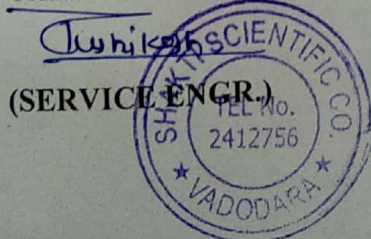
R.P.M.CALIBRATION:

POINT	INSTRUMENT TIMER DISPLAYED	CALIBRATED TECHO-METER READING	ERROR OBSERVED	ACCEPTD ERROR	RESULT
1	1000RPM	994 RPM	- 06RPM	+/-100RPM	PASS
2	2000RPM	1993 RPM	- 07RPM	+/-100RPM	PASS
3	3000RPM	2988 RPM	- 12RPM	+/-100RPM	PASS
4.	4000RPM	3983RPM	-17RPM	+/-100RPM	PASS

1. Calibration done with Rotor Swing Out R81 16x15ml-----
2. Calibration Traceable to national Standards
3. Result is related only to the item calibrated
4. Maximum tolerance permissible RPM2%FSD

REMARKS: Overall deviation is within specified tolerance. Accepted
NEXT CALIBRATION DUE: 16/09/2021

CALIBRATED BY:



APPROVED BY:

