

# Certificate



## CERTIFICATE OF CALIBRATION

Issued From : Indore Laboratory

CALIBRATION CERTIFICATE NUMBER : 5637/20-21

EQUIPMENT NAME : - CENTRIFUGE MACHINE

RECEIVED ON	CALIBRATED ON	CALIBRATION DUE DATE RECOMMENDED	PAGE NO.
17.09.2020	25.11.2020	25.11.2021	1 of 1

I. Calibrated for :  
GRACE LABORATORY  
FF-8 SILVER COIN COMPLEX  
OPP.BHAVAN'S SCHOOL  
MAKARPURA,VADODARA-390001  
GUJARAT

### II. Description and Identification of Instrument :

Sample Id :	5637
Make:	Remi
Model:	R-4C
Type:	Digital
Serial No.	FQLC-7569

Range:	Maximum 4000 rpm
Calibrated Range:	1500 to 3000 rpm
Least Count:	10 rpm
Condition on receipt:	Satisfactory
Identification No. :	CM-03

### III. Environment Condition-

Temperature :	25 ± 5 °C
Relative Humidity :	45 to 75 % RH

### IV. Standard/Calibrator and Measuring Equipment Used :

Nomenclature	Range	Uncertainty	Certificate No.	Traceability	Validity
Digital Tachometer	10.2 to 25007 rpm	± 1.6 to 3.7 rpm	M-200629-21-6	CC-2634	18.07.2021

### V. Results:

#### Mechanical Calibration (Speed)

Serial No.	Unit	UUC# Average	Standard Average	Correction	Uncertainty (For k=2, 95.45 % C.L. ) : ±
1	rpm	1500	1499.00	-1.00	0.42 % FS
2	rpm	2000	1997.80	-2.20	0.42 % FS
3	rpm	2500	2494.40	-5.60	0.42 % FS
4	rpm	2700	2695.20	-4.80	0.42 % FS
5	rpm	3000	2993.80	-6.20	0.42 % FS

Note : 01. UUC # : Unit Under Calibration  
:02. Certificate shall not be reproduced in full without the written approval of the laboratory  
:03. The results relate only to the item calibrated.

### Other Details:

01. Certificate Issue Date :26/11/2020
02. Location of calibration :Site
03. The results relate only to the item calibrated

### VI. Inference:

01. The correction is positive except when indicated other wise It has to be algebraically added to the UUC# reading in order to get the actual reading .

### VII. Reference

01. The Calibration is carried out as per the CLL Calibration Procedure No. CLL-IDR-SWP-CAL-00035 .
02. All the values have been rounded off as per IS:2-1960.
03. The laboratory is NABL Accredited having certificate No. CC-2089.

ULR NO.:CC2089200000001766F

### VIII. Details of Adjustment Made (If any)

Not Done

For Choksi Laboratories Ltd.  
Authorized Signatory

CALIBRATED BY IDR00910

AUTHORISED SIGNATORY

IDR00249

\*\*END OF CALIBRATION CERTIFICATE\*\*

Chandraprakash Choudhary (IDR 00249)  
Deputy-Division Head-Calibration  
QAIS: 47-2015/01