



YEA

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YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.

Admn. Office & Lab : 44, Shahid Khudiram Bose Sarani, (formerly Kamardanga Road), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1 800 345 9001

Calibration Certificate

Certificate No.: YEA(C)220620SA/S3087/005

Dated : 22.06.2022

ULR No. : CC222122000029133F

Calibrated for : **Sanguine Diagnostics**

H - I/10, Durga Bhawan, VIP Road, Joramandir,

Baguiati (Near Calcutta Public School), Kolkata - 700159.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
20.06.2022	20.06.2023	1	2

Description of Instrument

Name : Digital Centrifuge
Identification : SD/Centrifuge-01
Maximum Capacity : 4000 rpm & 99 minutes
Least Count : 10 rpm & 1 minute
Make : Remi (Sl. No. : ZHGN - 26503)
Model : R - 8C

Service Request No. / Order Reference

: 220620SA/S3087/001-006

Receipt of Instrument

: 20.06.2022

Location where calibration performed

: At site

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/M-44 & E(M) - 06

Environmental Condition during Calibration

: *Temp.* : 25±5°C *RH* : 50±15%

Equipment used for Calibration

: Standard Digital Tachometer & Standard Digital Stop Watch

Traceability

: To National Standard vide Certificate No:
HT/CC/210909-04/001 dated 14.09.2021
YEA(C)/211201/Y001/001 valid till 06.12.2022

Measurement Uncertainty

: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.



CC-2221

The above Instrument/Equipment/Machine has been calibrated up to its range.

The results are given in the page 2 to 2 ...of the Certificate.

Cont.....2



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 Calibrated By : A. Manna

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Calibration Results

Mechanical Calibration :

A) Calibration Result of Digital Centrifuge (rpm)

Sl. No.	DUC Value	Observed Standard Value	Measurement Uncertainty
	rpm	rpm	(± rpm)
1	510	509.8	6.2
2	1020	1018.5	
3	2020	2017.4	
4	3540	3536.2	
5	3980	3975.5	

Electro - Technical Calibration :

B) Calibration Results of Digital Centrifuge (Time) :

Sl. No	DUC Value	Standard Value	Measurement Uncertainty
			(± sec)
1	1 min	1 min 0.02 sec	34.64
2	5 min	5 min 0.04 sec	
3	10 min	10 min 0.05 sec	
4	20 min	20 min 0.04 sec	

DUC : Device Under Calibration

REMARKS : The above Digital Centrifuge has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By



A. Das
 Manager Calibration

*** End of the Calibration Certificate ***

