



## CALIBRATION CERTIFICATE

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1. Customer Name:	M/s. Cluepath Diagnostics LLP., No.19A, New High School Road, VV Puram, Bangalore - 560004	6. Certificate No:	RCPL/23-24/ML/S2452-01	
		7. ULR No:	CC221524000002870F	
		8. Date of Issue:	28-02-2024	
2. SRF NO:	S2452	9. Date of Calibration:	26-02-2024	
3. Date of SRF/Receipt:	26-02-2024	10. Next Cal Due:	25-02-2025	
4. Discipline:	Mechanical Calibration	11. Calibration SOP no:	RCPL/SOP/ML-05	
5. Calibrated At:	Onsite	12. Condition of DUC on Receipt:	Functional	
13. ENVIRONMENTAL CONDITION : Temperature: 24.8°C / Humidity: 52% R.H				
14. DUC DETAILS:				
Nomenclature :	Centrifuge	Serial. No:	ZJJN33784	
Make / Model :	Remi & R-80 Plus	Code/ID No :	--	
Range :	0 - 6000 RPM	Resolution:	1 RPM	
Location:	Clinical Pathology			
15. STANDARD INSTRUMENT USED:				
Nomenclature:	Digital Tachometer	Serial. No:	164-0109	
Make / Model :	Line-Seiki & TM-5000	Cal Due Date:	15-09-2024	
Certificate No:	SANS/FT/01(7.8/01)	Traceable to:	The Std. used for calibration were calibrated and Traceable to National/International Standards.	
16. CALIBRATION RESULTS:				
Parameter: SPEED				
Sl. No.	Standard Reading (RPM)	DUC Set Point (RPM)	Error Observed (RPM)	Uncertainty of Measurement± (% of reading)
1	499.8	500	0.2	0.12
2	999.5	1000	0.5	0.06
3	1999.5	2000	0.5	0.03
4	2999.7	3000	0.3	0.02
5	3999.9	4000	0.1	0.02
6	5999.4	6000	0.6	0.02
17. REMARKS & CONCLUSION:				
a. Reported Values of DUC & Standard are Average of 5 Measuring Series.				
b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.				
c. Calibration certificate issued for Centrifuge is used scientific or industrial purpose only.				
Calibrated By		Authorized Signatory		
NANDEESH M R CALIBRATION ENGINEER		ARUN KUMAR QUALITY MANAGER		
***End Of Certificate***				
			FM-GI-85	

## CALIBRATION CERTIFICATE

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1. <b>Customer Name:</b>	M/s. Cluepath Diagnostics LLP., No.19A, New High School Road, VV Puram, Bangalore - 560004	6. <b>Certificate No:</b>	RCPL/23-24/ET/S2452-01
		7. <b>ULR No:</b>	CC221524000002855F
		8. <b>Date of Issue:</b>	28-02-2024
2. <b>Discipline:</b>	Electro-Technical Calibration	9. <b>Date of SRF:</b>	26-02-2024
3. <b>Date of Calibration:</b>	26-02-2024	10. <b>Next Cal Due:</b>	25-02-2025
4. <b>Calibrated At:</b>	Onsite	11. <b>Calibration SOP no:</b>	RCPL/SOP/ET-05
5. <b>SRF NO:</b>	S2452	12. <b>Condition of DUC on Receipt:</b>	Functional
13. <b>ENVIRONMENTAL CONDITION:</b> Temperature: 20 to 40°C / Humidity: ≤70% R.H			
14. <b>DUC DETAILS:</b>			
<b>Nomenclature :</b>	Digital timer	<b>Serial. No:</b>	ZJJN33784
<b>Make &amp; Model :</b>	Remi & R-80 Plus	<b>ID. No:</b>	---
<b>Location :</b>	Clinical Pathology	<b>Range :</b>	0 to 99 min
15. <b>STANDARD INSTRUMENT USED:</b>			
<b>Nomenclature:</b>	Time Totalizer	<b>Serial. No:</b>	105
<b>Make &amp; Model :</b>	BELTRONICS & 501	<b>Cal Due Date:</b>	26-08-2024
<b>Range :</b>	As Per Manual	<b>Traceable to:</b>	The Standard Used for Calibration is traceable to National/International Standard.
<b>Certificate No:</b>	C-230821-14-1		
Calibrated By  RAJESH M N CALIBRATION ENGINEER		 Authorized Signatory  B SRINIVAS TECHNICAL MANAGER	
			FM-GL-29

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Certificate No	RCPL/23-24/ET/S2452-01	ULR NO.:	CC221524000002855F
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### 16. CALIBRATION RESULTS:

SI No	Parameter / Range	Standard Instrument Reading	Computed Value	DUC set	Computed Value	Error Obtained	Measurement Uncertainty ±
		hr : min : sec : msec	sec	min	sec	sec	sec
1	0 to 99min	00:01:00:025	60.025	1	60	-0.025	0.054
2		00:02:00:034	120.034	2	120	-0.034	0.104
3		00:03:00:039	180.039	3	180	-0.039	0.157
4		00:05:00:041	300.041	5	300	-0.041	0.261
5		00:10:00:047	600.047	10	600	-0.047	0.522
6		00:20:00:052	1200.052	20	1200	-0.052	1.044

### 17. REMARKS & CONCLUSION:

- Reported Values of Standard & DUC are Average of 5 Trials.
- The Measurement Uncertainty Values are estimated at a confidence level of 95.45 % with a coverage factor  $k = 2.00$ .
- Calibration points & Due date is given as per customer request.

Calibrated By



RAJESH M N

CALIBRATION ENGINEER

Authorized Signatory



B SRINIVAS

TECHNICAL MANAGER

\*\*\*End of Certificate\*\*\*

FM-GL-29