

# Reltec Calibration Pvt. Ltd.

# 98/50/1, 1st Floor, 2nd Main Road, Industrial Town, Rajajinagar, Bangalore - 560 044. Ph.: 080 42021540, E-mail: rcplbangalore@gmail.com, www.relteccalibration.com



NABL Accredited Calibration Lab as per ISO/IEC 17025:2017

### **CALIBRATION CERTIFICATE**

Page 1 of 1

1.Customer Name:	M/s.Prima Diagnostics, Gururaj Govind Life Sciences Whitefield LLP, Varthur Whitefield Main Road, Siddapura	6.Certificate No:	RCPL/21-22/ML/S1317-01
		7.ULR No:	CC221521000005814F
	Village, Bangalore-560066	8.Date of Issue:	15-07-2021
2.SRF NO:	S1317	9.Date of Calibration:	09-07-2021
3.Date of SRF/Receipt	: 09-07-2021	10. Next Cal Due:	08-07-2022
1.Discipline:	Mechanical Calibration	11.Calibration SOP no:	RCPL/SOP/ML-05
	Onsite	12. Condition of DUC	Good
5.Calibrated At:	Offsite	on Receipt:	
	NTAL CONDITION: Temperature: 26.3°C	on Receipt: / Humidity: 55%R.F	
13. ENVIRONMEN 14. DUC DETAILS	NTAL CONDITION: Temperature: 26.3°C		ZEBN-07778
13. ENVIRONMEN 14. DUC DETAILS Nomenclature :	NTAL CONDITION: Temperature: 26.3°C:	/ Humidity: 55%R.F	
13. ENVIRONMEN 14. DUC DETAILS Nomenclature : Make/Model :	NTAL CONDITION: Temperature: 26.3°C: Centrifuge	/ Humidity: 55%R.F	ZEBN-07778
13. ENVIRONMEN	NTAL CONDITION: Temperature: 26.3°C: Centrifuge REMI & R-8C PLUS	/ Humidity: 55%R.F Serial. No: Code/ID No:	ZEBN-07778 PD-WF/LGI/CEN/02
13. ENVIRONMEN 14. DUC DETAILS Nomenclature: Make/Model: Range: Location:	NTAL CONDITION: Temperature: 26.3°C:  Centrifuge REMI & R-8C PLUS Upto 6000 RPM PHLEBOTOMY ROOM	/ Humidity: 55%R.F Serial. No: Code/ID No:	ZEBN-07778 PD-WF/LGI/CEN/02
13. ENVIRONMEN 14. DUC DETAILS Nomenclature: Make/Model: Range: Location:	NTAL CONDITION: Temperature: 26.3°C: Centrifuge REMI & R-8C PLUS Upto 6000 RPM	/ Humidity: 55%R.F Serial. No: Code/ID No:	ZEBN-07778 PD-WF/LGI/CEN/02
13. ENVIRONMEN 14. DUC DETAILS Nomenclature: Make/Model: Range: Location: 15. STANDARD IN	Centrifuge REMI & R-8C PLUS Upto 6000 RPM PHLEBOTOMY ROOM  NSTRUMENT USED:	/ Humidity: 55%R.F Serial. No: Code/ID No: Resolution:	ZEBN-07778 PD-WF/LGI/CEN/02 10 RPM
13. ENVIRONMEN 14. DUC DETAILS Nomenclature : Make / Model : Range : Location:	Centrifuge REMI & R-8C PLUS Upto 6000 RPM PHLEBOTOMY ROOM  NSTRUMENT USED: Digital Tachometer	/ Humidity: 55% R.F. Serial. No: Code/ID No: Resolution: Serial. No:	ZEBN-07778 PD-WF/LGI/CEN/02 10 RPM

### 16. CALIBRATION RESULTS:

Parameter: SPEED

	Willington of 222					
SI. No.	Standard Reading (RPM)	DUC Set Point (RPM)	Error Observed (RPM)	Uncertainty of Measurement± (% of reading)		
1	1000.2	1000	-0.2	0.58		
2	2001.3	2000	-1.3	0.29		
3	3001.5	3000	-1.5	0.19		
4	4000.6	4000	-0.6	0.15		
5	5000.8	5000	-0.8	0.12		
6	6000.7	6000	-0.7	0.10		

#### 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.
- $d. \ \ The \ Std. used for \ calibration \ were \ \ calibrated \ and \ Traceable \ to \ National/International Standards.$
- e. Reference standard used for temp & humidity is Thermohygrometer (RCPL/TA/110).

NANDEESH M R CALIBRATION ENGINEER Authorized Signatory

NAGAPPA KANNUR Dy. TECHNICAL MANAGER

FM-GL-85

**Bangalore** 



# Reltec Calibration Pvt. Ltd.

# 98/50/1, 1st Floor, 2nd Main Road, Industrial Town, Rajajinagar, Bangalore - 560 044. Ph.: 080 42021540, E-mail: rcplbangalore@gmail.com, www.relteccalibration.com



NABL Accredited Calibration Lab as per ISO/IEC 17025:2017

### **CALIBRATION CERTIFICATE**

Page 1 of 2

	M/s.Prima Diagnostics, Gururaj Govind	6.Certificate No:	RCPL/21-22/ET/S1317-01	
1.Customer Name:	Life Sciences Whitefield LLP, Varthur Whitefield Main Road, Siddapura	7.ULR No.	CC221521000005812F	
	Village, Bangalore-560066	8.Date of Issue:	15-07-2021	
2.Discipline:	Electro Technical Calibration	9.Date of SRF:	09-07-2021	
3.Date of Calibration:	09-07-2021	10.Next Cal Due:	08-07-2022	
4.Calibrated At:	Onsite	11.Calibration SOP no:	RCPL/SOP/ET-05	
5.SRF NO:	S1317	12.Condition of DUC on Receipt:	Good	
13.ENVIRONMENTAL	CONDITION: Temperature: 20 to 40°C/Hun	nidity: ≤70%R.H		
14.DUC DETAILS:				
Nomenclature :	Centrifuge (Timer)	Serial No:	ZEBN-07778	
Make & Model :	REMI & R-8C Plus	Code/ID No:	PD-WF/LGI/CEN-02	
Range:	Upto 99min	Resolution:	1 min	
Location :	PHLEBOTOMY ROOM			
15. STANDARD INSTR	UMENT USED:			
Nomenclature:	Time Totalizer	Serial. No:	105	
Make & Model :	BELTRONICS & 501	Cal Due Date:	22-08-2021	
Range:	As Per Manual	Traceable to:	Godrej & Boyce Mfg. Co. Ltd.,Chennai.	
Certificate No:	C-200818-11-1	Traceable to:		
Calibrated I NANDEESH I CALIBRATION EN	M R Bangalore	D	Authorized Signatory  B SRINIVAS  TECHNICAL MANAGER	
			FM-GL-29	



# Reltec Calibration Pvt. Ltd.

# 98/50/1, 1st Floor, 2nd Main Road, Industrial Town, Rajajinagar, Bangalore - 560 044. Ph.: 080 42021540, E-mail: rcplbangalore@gmail.com, www.relteccalibration.com



NABL Accredited Calibration Lab as per ISO/IEC 17025:2017

Certificate No.:

# **CALIBRATION CERTIFICATE**

Page 2 of 2

and the same				1 age 2 01 2
Certificate No	RCPL/21-22/ET/S1317-01	ULR NO.:	CC221521000005812F	

### **16.CALIBRATION RESULTS:**

Sl No	Parameter / Range	Standard Instrument Reading	Computed Value	DUC Reading	Computed Value	Error Obtained	Measurement Uncertainty ±
		hr: min: sec: msec	sec	min	sec	sec	sec
1	Time/ 99 min	00:01:00:218	60.218	01	60	-0.218	0.581
2		00:05:00:345	300.345	05	300	-0.345	0.614
3		00:10:00:125	600.125	10	600	-0.125	0.789
4		00:15:00:160	900.160	15	900	-0.160	1.183

### 17. REMARKS & CONCLUSION:

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

Calibrated By

NANDEESH M R

**CALIBRATION ENGINEER** 

Bangalore Bangalore

**Authorized Signatory** 

I - 25/ n'i wal

B SRINIVAS TECHNICAL MANAGER

FM-GL-29