



When Quality Matters

# 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



Certificate No.:  
CC-2215

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

## CALIBRATION CERTIFICATE

Page 1 of 1

1. Customer Name:	M/s. Prima Diagnostics, Yelahanka, C/o. Gururaj Govind Life Science LLP, No.93, 1st A Main Road, 1st Phase, Sec A, Yelahanka New Town, Bnagalore-560064	6. Certificate No:	RCPL/20-21/ML/S1107-01	
		7. ULR No:	CC22152000008234F	
		8. Date of Issue:	03-11-2020	
2. SRF NO:	S1107	9. Date of Calibration:	27-10-2020	
3. Date of SRF/Receipt:	27-10-2020	10. Next Cal Due:	26-10-2021	
4. Discipline:	Mechanical Calibration	11. Calibration SOP no:	RCPL/SOP/ML-05	
5. Calibrated At:	ONSITE	12. Condition of DUC on Receipt:	Good	
13. ENVIRONMENTAL CONDITION : Temperature: 25.8°C / Humidity: 56% R.H				
14. DUC DETAILS:				
Nomenclature :	Centrifuge	Serial. No:	ZEDN-15180	
Make / Model :	REMI & R-8C	Code/ID No :	PD-YH/LGI/CEN/01	
Range :	0 to 5250 RPM	Resolution:	10 RPM	
Location:	LABORATORY			
15. STANDARD INSTRUMENT USED:				
Nomenclature:	Digital Tachometer	Serial. No:	164-0109	
Make & Model :	Line Seiki & TM-5000	Cal Due Date:	23-09-2021	
Range :	6.0 to 99999.9 RPM	Traceable to:	Godrej & Boyce Mfg. Co. Ltd, CHENNAI	
Certificate No:	C-200915-4-1			
16. CALIBRATION RESULTS:				
Parameter: SPEED				
Sl. No.	Standard Reading (RPM)	DUC Set Point (RPM)	Error Observed (RPM)	Uncertainty of Measurement± (% of reading)
1	999.8	1000.0	0.2	0.39
2	2001.1	2000.0	-1.1	0.20
3	3001.7	3000.0	-1.7	0.13
4	3999.2	4000.0	0.8	0.24
5	5001.3	5000.0	-1.3	0.19
17. REMARKS & CONCLUSION:				
<p>a. Reported Values of DUC &amp; Standard are Average of 5 Measuring Series.</p> <p>b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.</p> <p>c. Calibration certificate issued for Centrifuge is used scientific or industrial purpose only.</p> <p>d. The Std. used for calibration were calibrated and Traceable to National/International Standards.</p>				
Calibrated By  NAVEENKUMAR B CALIBRATION ENGINEER				Authorized Signatory  ARUNKUMAR QUALITY MANAGER
				FM-GL-85

Note : 1) This Certificate refer only to particular item submitted for calibration 2) The Calibration results reported are valid at the time of and under the stated conditions of the measurements. 3) The Calibration Certificate shall not be reproduced except in full without prior permission of the Laboratory. 4) The certificate of calibration shall not be utilized for any legal purpose in the court of law for which no responsibility will be associated to M/s. Reltec Calibration Pvt. Ltd. 5) Any error in the certificate should be brought to our lab within 45 days from the date of issue of certificate.



CALIBRATION CERTIFICATE

CC-2559

Godrej & Boyce Mfg. Co. Ltd.,
Calibration Services, No 1, SIDCO
Industrial Estate,
Ambattur,, Chennai
Tamilnadu. 600098. India
Dir.:91-44-66544651/52/53

Form containing calibration details: Format No., Certificate No., Date of Calibration, Customer Details (Reltec Calibration Pvt Ltd), Details of Unit Under Calibration (DIGITAL TACHOMETER), Details of Master Equipments table, Work Instruction No., Environmental Details, Remark, Notes, and Authorized Signatory information.

Signature valid
Digitally signed by DS GODREJ AND BOYCE
MANUFACTURING CO. LIMITED 1
Date: 2020.10.08 09:26 +05:30
Reason: Calibration Certificate
Location: Chennai



Godrej & Boyce Mfg. Co. Ltd.

## CALIBRATION CERTIFICATE

Page 1 of 2

1. Customer Name:	M/s. Prima Diagnostics, Yelahanka, C/o. Gururaj Govind Life Science LLP, No.93, 1st A Main Road, 1st Phase, Sec A, Yelahanka New Town, Bangalore-560064	6. Certificate No:	RCPL/20-21/ET/S1107-02
		7. ULR No.	CC221520000008293F
		8. Date of Issue:	03-11-2020
2. Discipline:	Electro Technical Calibration	9. Date of SRF:	27-10-2020
3. Date of Calibration:	27-10-2020	10. Next Cal Due:	26-10-2021
4. Calibrated At:	Oniste	11. Calibration SOP no:	RCPL/SOP/ET-05
5. SRF NO:	S1107	12. Condition of DUC on Receipt:	Good

13. ENVIRONMENTAL CONDITION: Temperature: 20 to 40°C / Humidity: ≤70% R.H


### 14. DUC DETAILS:

Nomenclature :	Centrifuge(Timer)	Serial No:	ZEFN-20986
Make & Model :	REMI & R-8C Plus	Code/ID No:	PD-YH/LGI/CEN/02
Range :	Upto 99min	Resolution:	1min
Location :	LAB		

### 15. STANDARD INSTRUMENT 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		

Calibrated By

  
NAVEENKUMAR B  
CALIBRATION ENGINEER



Authorized Signatory

  
B SRINIVAS  
TECHNICAL MANAGER

FM-GL-29

## CALIBRATION CERTIFICATE

Page 2 of 2

Certificate No	RCPL/20-21/ET/S1107-02	ULR NO.:	CC22152000008293F
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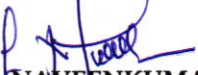
### 16. CALIBRATION RESULTS:

Sl No	Parameter / Range	Standard Instrument Reading	Computed Value	DUC Reading	Computed Value	Error Obtained	Measurement Uncertainty $\pm$
		hr : min : sec : msec	sec	min	sec	sec	sec
1	Time / Upto 99min	00:01:00:125	60.125	1.0	60.00	-0.125	0.079
2		00:05:00:134	300.134	5.0	300.00	-0.134	0.394
3		00:10:00:114	600.114	10.0	600.00	-0.114	0.789
4		00:20:00:098	1200.098	20.0	1200.00	-0.098	1.578
5		00:30:00:105	1800.105	30.0	1800.00	-0.105	2.367

### 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.
- Measurement results are traceable to national standard.

Calibrated By



NAVEENKUMAR B

CALIBRATION ENGINEER



Authorized Signatory



B SRINIVAS

TECHNICAL MANAGER

FM-GL-29



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# Reltec Calibration Pvt. Ltd.

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Certificate No.:  
CC-2215

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

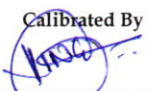


## CALIBRATION CERTIFICATE

Page 1 of 1

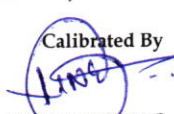

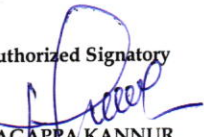
1. Customer Name:		M/s. PRIMA DIAGNOSTICS, No.93, 1st A Main Road, 1st Phase, Sec.A, Yelahanka New Town, Bangalore-560064		6. Certificate No:		RCPL/21-22/ML/13257-01	
2. SRF No:		13257		7.ULR No:		CC221521000007793F	
3. Date of SRF/Receipt:		25-08-2021		8.Date of Issue:		26-08-2021	
4. Discipline:		Mechanical Calibration		9.Date of Calibration:		26-08-2021	
5. Calibrated At:		Mass & Volume Lab		10. Next Cal Due:		25-02-2022	
				11. Calibration SOP no:		RCPL/SOP/ML-21	
				12. Condition of DUC on Receipt:		Good	
13. ENVIRONMENTAL CONDITION : Temperature: 21.66°C , Humidity: 52.72%RH Ambient Pressure: 911.8hpa, Water Temperature: 19.6°C							
14. DUC DETAILS:							
Nomenclature :		Micropipette		Serial. No:		PW02375	
Make & Model :		ThermoScientific & Finnpiptette F3		Code/ID No :		PD-YH/LGI/MP/01	
Range :		100-1000 µl		Resolution:		1 µl	
15. STANDARD INSTRUMENT USED:							
Nomenclature:		Electronic Semi Micro Balance		Serial. No:		33604236	
Make / Model :		Sartorius / CPA225D		Cal Due Date:		16-09-2021	
Range :		0 to 220g		Traceable to:		True Value Calibration Services Pvt. Ltd., Chennai	
Certificate No:		TVC SPL 20/09/818-02					
16. CALIBRATION RESULTS:							
Parameter: Volume							
Sl. No.	DUC Value	Standard value	Systematic Error	Permissible Systematic Error ±	Random Error	Permissible Random Error ±	Measurement Uncertainty±
	µl	µl	µl	µl	µl	µl	µl
1	100	100.61	-0.61	0.80	0.12	0.30	0.21
2	500	499.51	0.49	4.00	0.21	1.50	0.61
3	1000	1005.24	-5.24	8.00	0.13	3.00	0.61
17. REMARKS & CONCLUSION:							
<p>a. Reported Values of DUC are Average of 10 Measuring Series.</p> <p>b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.</p> <p>c. Calibration certificate issued for Pipette is used for scientific or industrial purpose only.</p> <p>d. Calibration of pipette is done as per ISO8655-6 &amp; Permissible Systematic &amp; Random error are given as per ISO 8655-2</p> <p>d. Coefficient of cubic thermal expansion (°C-1 × 10-6) of Borosilicate Glass 5.0 is 15 * 10^-6.</p> <p>e. The measurement data reported is "As found" - Without any Adjustment.</p> <p>f. This Certificate refer only to particular item submitted for Calibration.</p> <p>g. Volume at the reference temperature of 27°C, V27 from the apparent mass of water.</p> <p>h. The Std.used for calibration are calibrated and Traceable to National/International Standards.</p>							
<p>Calibrated By</p>  <b>NETRAVATI N G</b> CALIBRATION ENGINEER						<p>Authorized Signatory</p>  <b>MANJUNATH CHANDAKI</b> DY TECHNICAL MANAGER	
						FM-GL-67	

Note : 1) This Certificate refer only to particular item submitted for calibration 2) The Calibration results reported are valid at the time of and under the stated conditions of the measurements. 3) The Calibration Certificate shall not be reproduced except in full without prior permission of the Laboratory. 4) The certificate of calibration shall not be utilized for any legal purpose in the court of law for which no responsibility will be associated to M/s. Reltec Calibration Pvt. Ltd. 5) Any error in the certificate should be brought to our lab within 45 days from the date of issue of certificate.

## CALIBRATION CERTIFICATE

1. Customer Name:	M/s. PRIMA DIAGNOSTICS, No.93, 1st A Main Road, 1st Phase, Sec.A, Yelahanka New Town, Bangalore-560064	6. Certificate No:	RCPL/21-22/ML/I3257-02				
		7. ULR No:	CC221521000007794F				
		8. Date of Issue:	26-08-2021				
2. SRF No:	I3257	9. Date of Calibration:	26-08-2021				
3. Date of SRF/Receipt:	25-08-2021	10. Next Cal Due:	25-02-2022				
4. Discipline:	Mechanical Calibration	11. Calibration SOP no:	RCPL/SOP/ML-21				
5. Calibrated At:	Mass & Volume Lab	12. Condition of DUC on Receipt:	Good				
13. ENVIRONMENTAL CONDITION : Temperature: 21.23°C , Humidity: 52.66% RH Ambient Pressure: 912.8hpa, Water Temperature: 19.7°C							
14. DUC DETAILS:							
Nomenclature :	Micropipette	Serial. No:	PW06684				
Make & Model :	ThermoScientific & Finn pipette F3	Code/ID No :	----- PD-YH/LGI/MA/02				
Range :	5-50 µl	Resolution:	0.1 µl				
15. STANDARD INSTRUMENT USED:							
Nomenclature:	Electronic Semi Micro Balance	Serial. No:	33604236				
Make / Model :	Sartorius / CPA225D	Cal Due Date:	16-09-2021				
Range :	0 to 220g	Traceable to:	True Value Calibration Services Pvt. Ltd., Chennai				
Certificate No:	TVCSPL 20/09/818-02						
16. CALIBRATION RESULTS:							
Parameter: Volume							
Sl. No.	DUC Value	Standard value	Systematic Error	Permissible Systematic Error ±	Random Error	Permissible Random Error ±	Measurement Uncertainty±
	µl	µl	µl	µl	µl	µl	µl
1	10	10.02	-0.02	0.10	0.06	0.08	0.21
2	20	20.16	-0.16	0.20	0.05	0.10	0.21
3	50	50.40	-0.40	0.50	0.09	0.20	0.21
17. REMARKS & CONCLUSION:							
<p>a. Reported Values of DUC are Average of 10 Measuring Series.</p> <p>b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.</p> <p>c. Calibration certificate issued for Pipette is used for scientific or industrial purpose only.</p> <p>d. Calibration of pipette is done as per ISO8655-6 &amp; Permissible Systematic &amp; Random error are given as per ISO 8655-2</p> <p>d. Coefficient of cubic thermal expansion (°C-1 × 10-6) of Borosilicate Glass 5.0 is 15 * 10^-6.</p> <p>e. The measurement data reported is "As found" - Without any Adjustment.</p> <p>f. This Certificate refer only to particular item submitted for Calibration.</p> <p>g. Volume at the reference temperature of 27°C, V27 from the apparent mass of water.</p> <p>h. The Std. used for calibration are calibrated and Traceable to National/International Standards.</p>							
Calibrated By  NETRAVATHI N G CALIBRATION ENGINEER		 Authorized Signatory  MANJUNATH CHANDAKI DY TECHNICAL MANAGER					
		FM-GL-67					

## CALIBRATION CERTIFICATE

1. Customer Name:	M/s. PRIMA DIAGNOSTICS, No.93, 1st A Main Road, 1st Phase, Sec.A, Yelahanka New Town, Bangalore-560064	6. Certificate No:	RCPL/21-22/ML/I3257-04				
		7.UILR No:	CC221521000007904F				
		8.Date of Issue:	28-08-2021				
2. SRF No:	I3257	9.Date of Calibration:	28-08-2021				
3. Date of SRF/Receipt:	25-08-2021	10. Next Cal Due:	27-02-2022				
4. Discipline:	Mechanical Calibration	11. Calibration SOP no:	RCPL/SOP/ML-21				
5. Calibrated At:	Mass & Volume Lab	12. Condition of DUC on Receipt:	Good				
13. ENVIRONMENTAL CONDITION : Temperature: 21.41°C , Humidity: 52.76% RH Ambient Pressure: 912.6hpa, Water Temperature: 19.7°C							
14. DUC DETAILS:							
Nomenclature :	Micropipette	Serial. No:	071802188				
Make & Model :	VariPETTE a & ---	Code/ID No :	PD/YH/LGI/MP-04				
Range :	5-50 µl	Resolution:	1 µl				
15. STANDARD INSTRUMENT USED:							
Nomenclature:	Electronic Semi Micro Balance	Serial. No:	33604236				
Make / Model :	Sartorius / CPA225D	Cal Due Date:	16-09-2021				
Range :	0 to 220g	Traceable to:	True Value Calibration				
Certificate No:	TVCSPL 20/09/818-02		Services Pvt. Ltd., Chennai				
16. CALIBRATION RESULTS:							
Parameter: Volume							
Sl. No.	DUC Value	Standard value	Systematic Error	Permissible Systematic Error ±	Random Error	Permissible Random Error ±	Measurement Uncertainty±
	µl	µl	µl	µl	µl	µl	µl
1	10	10.08	-0.08	0.10	0.03	0.08	0.21
2	20	20.09	-0.09	0.20	0.06	0.10	0.21
3	50	49.89	0.11	0.50	0.09	0.20	0.21
17. REMARKS & CONCLUSION:							
<p>a. Reported Values of DUC are Average of 10 Measuring Series.</p> <p>b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.</p> <p>c. Calibration certificate issued for Pipette is used for scientific or industrial purpose only.</p> <p>d. Calibration of pipette is done as per ISO8655-6 &amp; Permissible Systematic &amp; Random error are given as per ISO 8655-2</p> <p>d. Coefficient of cubic thermal expansion (°C<sup>-1</sup> × 10<sup>-6</sup>) of Borosilicate Glass 5.0 is 15 * 10<sup>-6</sup>.</p> <p>e. The measurement data reported is "As found" - Without any Adjustment.</p> <p>f. This Certificate refer only to particular item submitted for Calibration.</p> <p>g. Volume at the reference temperature of 27°C, V<sub>27</sub> from the apparent mass of water.</p> <p>h. The Std.used for calibration are calibrated and Traceable to National/International Standards.</p>							
Calibrated By  NETRAVATING G CALIBRATION ENGINEER				Authorized Signatory  NAGAPPA KANNUR DY TECHNICAL MANAGER			
						FM-GL-67	



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# Reltec Calibration Pvt. Ltd.

# 98/50/1, 1st Floor, 2nd Main Road, Industrial Town,  
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E-mail : rcplbangalore@gmail.com, www.relteccalibration.com



Certificate No.:  
CC-2215

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

## CALIBRATION CERTIFICATE

Page 1 of 1

1. Customer Name:	M/s. PRIMA DIAGNOSTICS, No.93, 1st A Main Road, 1st Phase, Sec.A, Yelahanka New Town, Bangalore-560064	6. Certificate No:	RCPL/21-22/ML/13257-03				
		7. ULR No:	CC221521000007903F				
		8. Date of Issue:	28-08-2021				
2. SRF No:	I3257	9. Date of Calibration:	28-08-2021				
3. Date of SRF/Receipt:	25-08-2021	10. Next Cal Due:	27-02-2022				
4. Discipline:	Mechanical Calibration	11. Calibration SOP no:	RCPL/SOP/ML-21				
5. Calibrated At:	Mass & Volume Lab	12. Condition of DUC on Receipt:	Good				
13. ENVIRONMENTAL CONDITION : Temperature: 21.66°C , Humidity: 52.72% RH Ambient Pressure: 911.8hpa, Water Temperature: 19.6°C							
14. DUC DETAILS:							
Nomenclature :	Micropipette	Serial No:	0418011575				
Make & Model :	Variette a & ----	Code/ID No :	PD/YH/LGI/MP/03				
Range :	100-1000 µl	Resolution:	10 µl				
15. STANDARD INSTRUMENT USED:							
Nomenclature:	Electronic Semi Micro Balance	Serial No:	33604236				
Make / Model :	Sartorius / CPA225D	Cal Due Date:	16-09-2021				
Range :	0 to 220g	Traceable to:	True Value Calibration Services				
Certificate No:	TVCSPL 20/09/818-02		Pvt. Ltd., Chennai				
16. CALIBRATION RESULTS:							
Parameter: Volume							
Sl. No.	DUC Value	Standard value	Systematic Error	Permissible Systematic Error ±	Random Error	Permissible Random Error ±	Measurement Uncertainty±
	µl	µl	µl	µl	µl	µl	µl
1	100	100.66	-0.66	0.80	0.09	0.30	0.21
2	500	500.76	-0.76	4.00	0.15	1.50	0.61
3	1000	1006.40	-6.40	8.00	0.18	3.00	0.61
17. REMARKS & CONCLUSION:							
<p>a. Reported Values of DUC are Average of 10 Measuring Series.</p> <p>b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.</p> <p>c. Calibration certificate issued for Pipette is used for scientific or industrial purpose only.</p> <p>d. Calibration of pipette is done as per ISO8655-6 &amp; Permissible Systematic &amp; Random error are given as per ISO 8655-2</p> <p>d. Coefficient of cubic thermal expansion (°C-1 × 10-6) of Borosilicate Glass 5.0 is 15 * 10^-6.</p> <p>e. The measurement data reported is "As found " - Without any Adjustment.</p> <p>f. This Certificate refer only to particular item submitted for Calibration.</p> <p>g. Volume at the reference temperature of 27°C, V27 from the apparent mass of water.</p> <p>h. The Std.used for calibration are calibrated and Traceable to National/International Standards.</p>							
Calibrated By				Authorized Signatory			
 NETRAVATI N G CALIBRATION ENGINEER				 NAGAPPA KANNUR DY TECHNICAL MANAGER			
					FM-GL-67		

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1. Customer Name:	M/s. Prima Diagnostics, Yelahanka, C/o. Gururaj Govind Life Science LLP, No. 93, 1st A Main Road, 1st Phase, Sec A, Yelahanka New Town, Bangalore-560064	6. Certificate No:	RCPL/20-21/TH/I2576-10
		7. ULR No:	CC221520000008278F
		8. Date of ISSUE:	03-11-2020
2. SRF No:	I2576	9. Date of Calibration:	28-10-2020
3. Date of SRF/Receipt:	27-10-2020	10. Next Cal Due:	27-10-2021
4. Discipline:	Thermal Calibration	11. Calibration SOP No:	RCPL/SOP/TH-13
5. Calibrated At:	Inhouse Thermal Lab	12. Condition of DUC on Receipt:	Good

13. ENVIRONMENTAL CONDITION: Temperature: 25±4°C / Humidity: 30 to 75% R.H

14. DUC DETAILS:

Nomenclature :	Digital Thermohygrometer	Serial No :	---
Make & Model :	ACETEQ & KT-908	ID No:	PD-YH/LGI/TM/06
Range :	-50 to 70°C & 10 to 99% R.H.	Resolution:	0.1° C & 1% R.H.

15. STANDARD INSTRUMENT USED:

Nomenclature:	Digital Temp. & Humidity Meter	Serial No:	S.034364
Make & Model :	LUTRON & HT-315	Cal Due Date:	14/11/2020
Range :	0 to 50°C & 10 to 95% RH	Traceable to:	Shriram Institute, Bangalore
Certificate No:	C2/0000024088		

16. CALIBRATION RESULTS:


Parameter: Temperature & Humidity

Sl No.	SET VALUE	Standard Meter Reading	DUC Reading	Error Obtained	Measurement Uncertainty ±
<b>Temperature</b>					
	°C	°C	°C	°C	°C
1	15	14.72	14.4	-0.32	0.34
2	30	29.61	29.2	-0.41	0.34
3	50	49.52	48.9	-0.62	0.34
<b>Relative Humidity</b>					
	%RH	%RH	%RH	%RH	%RH
4	30	30.21	31	0.79	1.31
5	60	60.72	62	1.28	1.31
6	95	95.86	98	2.14	1.31

17. REMARKS & CONCLUSION:

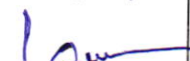
- Reported Values of STD & DUC are Average of 5 Trials.
- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.00.
- Calibration Points & Due date is given as per Customer Request.
- Measurement results are Traceable to National Standard.

Calibrated By

  
PAVITHRA P M  
CALIBRATION ENGINEER



Authorized Signatory

  
ARUNKUMAR  
QUALITY MANAGER

FM-GL-29

**SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH**

(A unit of Shriram Scientific and Industrial Research Foundation)

14 - 15, Sadarmangala Industrial Area, Whitefield Road,  
Bengaluru - 560048

An ISO - 9001, 14001 &amp; OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org

E-mail id : customercare@shriraminstitute-bangalore.org

CALIBRATION CERTIFICATE

NO : C2/0000024088

## Issued To :

Client Code : (BANG01R0966)  
RELTEC CALIBRATION PVT LTD  
NO.98/50/1, 1ST FLOOR, 2ND MAIN ROAD,  
INDUSTRIAL TOWN, RAJAJINAGAR,BANGALORE  
KARNATAKA-560044  
Kind Attn: MR ARUNKUMARDate : 15-11-2019  
Job No : 1911-2-B301-251  
Booking No : RG1920/2/1340  
Booking Date : 13-11-2019  
Customer Ref No : TEST REQUEST  
Customer Ref Dt : 13-11-2019  
ULR NO : CC208319100002116F

**Sample Description :** One sample described as Digital Temperature Humidity Meter with the following details was received for calibration.

Date of receipt	Date of calibration	Next calibration Due
13.11.2019	15.11.2019	14.11.2020

## 1. Description of the item

Nomenclature : **Digital Temperature Humidity Meter**Make/Model : **Lutron / HT-315**Sl.No/ID.No. : **S.034364 / RCPL/TA / 218**Range/Resolution : **Temperature: 6 °C to 50 °C / 0.01 °C****Humidity: 15 % to 95 % RH / 0.01 %RH**Condition on receipt : **Good**Calibration Procedure Reference : **CPM-T/05**

## 2. Environmental conditions


Temperature: (25±3) °C

Humidity: (45 to 75) % RH

## 3. Major Equipment used during calibration with traceability

Sl.No	Nomenclature	Make/Model/Sl.No	Traceability	Cert. No. & Cal. validity
1	Platinum Resistance Thermometer	Hart Scientific / 5628 / 1355	Shriram Institute- Bangalore	INT - 415 & 11.02.2020
2	Chub E-4 Thermometer Readout	Fluke / 1529 / A87766	ETDC - Bangalore	CR/NCAL/50557 & 11.06.2020
3	Humidity & Temperature Transmitter with Sensor	Vaisala / HMP 77 / B4540011	Autocal Solutions Pvt.Ltd.-Thane	C1990212/T/01 & 13.09.2020

Measurements are traceable to National / International standards

  
 AUTHORISED SIGNATORY  
 EMPLOYEE CODE: 7257

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Phone : 080 - 28410165, 28410166, 28410167

Fax : 91-80-28410189

See overleaf for terms &amp; conditions

## CALIBRATION CERTIFICATE

1. Customer Name:	M/s.Prima Diagnostics, Yelahanka , C/o.Gururaj Govind Life Science LLP, No.93,1st A Main Road, 1st Phase, Sec A, Yelahanka New Town, Bangalore-560064	6. Certificate No:	RCPL/20-21/TH/I2576-17		
		7. ULR No:	CC22152000008297F		
		8. Date of ISSUE:	03-11-2020		
2. SRF No:	I2576	9. Date of Calibration:	29-10-2020		
3. Date of SRF/Receipt:	27-10-2020	10. Next Cal Due:	28-10-2021		
4. Discipline:	Thermal Calibration	11. Calibration SOP No:	RCPL/SOP/TH-13		
5. Calibrated At:	Inhouse Thermal Lab	12. Condition of DUC on Receipt:	Good		
13. ENVIRONMENTAL CONDITION: Temperature: 25±4°C / Humidity: 30 to 75% R.H					
14. DUC DETAILS:					
Nomenclature :	Digital Thermohygrometer	Serial No :	---		
Make & Model :	ITI Instrumentics & HTC-2	ID No:	PD-YH/LGI/TM/01		
Range :	-10 to 50°C & 0 to 100% R.H.	Resolution:	0.1° C & 1% R.H.		
15. STANDARD INSTRUMENT USED:					
Nomenclature:	Digital Temp.& Humidity Meter	Serial No:	S.034364		
Make & Model :	LUTRON & HT-315	Cal Due Date:	14/11/2020		
Range :	0 to 50°C & 10 to 95%RH	Traceable to:	Shriram Institute, Bangalore		
Certificate No:	C2/0000024088				
16. CALIBRATION RESULTS:					
Parameter: Temperature & Humidity					
Sl No.	SET VALUE	Standard Meter Reading	DUC Reading	Error Obtained	Measurement Uncertainty ±
Temperature					
	°C	°C	°C	°C	°C
1	15	14.79	14.6	-0.19	0.34
2	30	29.66	29.3	-0.36	0.34
3	50	49.54	49.1	-0.44	0.34
Relative Humidity					
	%RH	%RH	%RH	%RH	%RH
4	30	29.85	29	-0.85	1.31
5	60	59.62	58	-1.62	1.31
6	95	94.17	92	-2.17	1.31
17. REMARKS & CONCLUSION:					
a. Reported Values of STD & DUC are Average of 5 Trials.					
b. The Measurement Uncertainty is 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			Authorized Signatory		
 PAVITHRA P M CALIBRATION ENGINEER			 ARUNKUMAR QUALITY MANAGER		
					
FM-GL-29					



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