

PRIMA DIAGNOSTICS

LIST OF EQUIPMENT

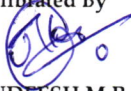

S No.	Name of equipment	Serial Number	Date of installation	Model No.	Manufacturer Name	Last date of calibration	Due date of calibration	Present working status
1.	Centrifuge	PD-WF/LGI/CEN/02-ZEBN-07778	26.02.18	REMI R 8C Plus	Remi	09.07.21	08.07.22	In Use
2.	Micropipette (1-10 µL)	PD/WF/LGI/MP/02 PW15009	19.02.18	Thermo Scientific Finnpipette F3	Thermo Scientific	09.07.21	08.01.22	In Use
3.	Micropipette (10-100 µL)	PD/LG/MP/01 OW12061	19.02.18	Thermo Scientific Finnpipette F3	Thermo Scientific	09.07.21	08.01.22	In Use
4.	Micropipette (100-1000 µL)	PD-WF/LGI/MP/03 OW14216	19.02.18	Thermo Scientific Finnpipette F3	Thermo Scientific	09.07.21	08.01.22	In Use
5.	Freezer (375 L)	PD-WF/LGI/REF/01 150301000043	07.03.18	VF375E	Blue Star	09.07.21	08.07.22	In Use
6.	Refrigerator (190 L)	PD-WF/LGI/REF/03- INC181034123	07.03.18	71078	Whirlpool	09.07.21	08.07.22	In Use
7.	Thermohygrometer with probe	PD-WF/LGI/THMP-O1	01.09.18	HTC-2	HTC	09.07.21	08.07.22	In Use

PRIMA DIAGNOSTICS

8.	Thermohygrometer with probe	PD-WF/LGI/THMP-O2	01.09.18	HTC-2	HTC	09.07.21	08.07.22	In Use
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CALIBRATION CERTIFICATE

Page 1 of 1

1. Customer Name:	M/s. Prima Diagnostics, Gururaj Govind Life Sciences Whitefield LLP, Varthur Whitefield Main Road, Siddapura Village, Bangalore-560066	6. Certificate No:	RCPL/21-22/ML/S1317-01	
		7. ULR No:	CC221521000005814F	
		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	
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: 26.3°C / Humidity: 55% R.H				
14. DUC DETAILS:				
Nomenclature :	Centrifuge	Serial. No:	ZEBN-07778	
Make/Model :	REMI & R-8C PLUS	Code/ID No :	PD-WF/LGI/CEN/02	
Range :	Upto 6000 RPM	Resolution:	10 RPM	
Location:	PHLEBOTOMY ROOM			
15. STANDARD INSTRUMENT USED:				
Nomenclature:	Digital Tachometer	Serial. No:	164-0109	
Make & Model :	Line Seiki & TM-5000	Cal Due Date:	17-09-2021	
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	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).				
Calibrated By		Authorized Signatory		
				
NANDEESH M R CALIBRATION ENGINEER		NAGAAPPA KANNUR Dy. TECHNICAL MANAGER		
		FM-GL-85		

CALIBRATION CERTIFICATE

Page 1 of 2

1. Customer Name:	M/s. Prima Diagnostics, Gururaj Govind Life Sciences Whitefield LLP, Varthur Whitefield Main Road, Siddapura Village, Bangalore-560066	6. Certificate No:	RCPL/21-22/ET/S1317-01
		7. ULR No.	CC221521000005812F
		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 / Humidity: ≤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 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  NANDEESH M R CALIBRATION ENGINEER		Authorized Signatory  B SRINIVAS TECHNICAL MANAGER	
		FM-GL-29	



CALIBRATION CERTIFICATE

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Certificate No	RCPL/21-22/ET/S1317-01	ULR NO.:	CC221521000005812F
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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/ 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:

- 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



NANDEESH M R

CALIBRATION ENGINEER



Authorized Signatory



B SRINIVAS

TECHNICAL MANAGER

FM-GL-29

CALIBRATION CERTIFICATE

Page 1 of 1

1. Customer Name:	M/s.Prima Diagnostics Gururaj Govind Life Sciences, Whitefield LLP, Varthur Whitefield Main Road, Siddapura Village, Bangalore-560066	6. Certificate No:	RCPL/21-22/ML/I3106-02
		7. ULR No:	CC221521000005802F
		8. Date of Issue:	12-07-2021
2. SRF No:	I3106	9. Date of Calibration:	09-07-2021
3. Date of SRF/Receipt:	09-07-2021	10. Next Cal Due:	08-01-2022
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: 20.36°C , Humidity: 55.14%RH
Ambient Pressure: 911.8hpa, Water Temperature: 19.8°C

14. DUC DETAILS:

Nomenclature :	Micro Pipette	Serial. No:	PW15009
Make & Model :	ThermoScientific & Finnpiquette F3	Code/ID No :	PD/WF/LGI/MP/02
Range :	1-10 µl	Resolution:	0.02 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	10.00	9.98	0.02	0.10	0.06	0.08	0.17

17. REMARKS & CONCLUSION:

- Reported Values of DUC are Average of 10 Measuring Series.
- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.
- Calibration certificate issued for Pipette is used for scientific or industrial purpose only.
- Calibration of pipette is done as per ISO8655-6 & Permissible Systematic & Random error are given as per ISO 8655-2
- Coefficient of cubic thermal expansion ($^{\circ}\text{C}^{-1} \times 10^{-6}$) of Borosilicate Glass 5.0 is 15×10^{-6} .
- The measurement data reported is "As found" - Without any Adjustment.
- This Certificate refer only to particular item submitted for Calibration.
- Volume at the reference temperature of 27°C, V₂₇ from the apparent mass of water.
- The Std. used for calibration are calibrated and Traceable to National/International Standards.

Calibrated By

Authorized Signatory

NETRAVATING
CALIBRATION ENGINEER



NAGAPPA KANNUR
DY. TECHNICAL MANAGER

FM-GL-67

CALIBRATION CERTIFICATE

1. Customer Name:	M/s.Prima Diagnostics Gururaj Govind Life Sciences, Whitefield LLP, Varthur Whitefield Main Road, Siddapura Village, Bangalore-560066	6. Certificate No:	RCPL/21-22/ML/13106-01
		7.ULR No:	CC221521000005801F
		8.Date of Issue:	12-07-2021
2. SRF No:	I3106	9.Date of Calibration:	09-07-2021
3. Date of SRF/Receipt:	09-07-2021	10. Next Cal Due:	08-01-2022
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: 20.14°C , Humidity: 56.36% RH
Ambient Pressure: 912.6hpa, Water Temperature: 19.8°C

14. DUC DETAILS:

Nomenclature :	Micro Pipette	Serial. No:	PD/LG/MP/01
Make & Model :	ThermoScientific & Finnpiptette F3	Code/ID No :	OW12061
Range :	10 to 100 µl	Resolution:	0.2 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		

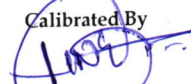
16. CALIBRATION RESULTS:

Parameter: Volume

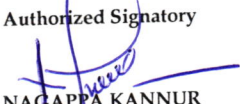
Sl. No.	DUC Value	Standard value	Systematic Error	Permissible Systematic Error ±	Random Error	Permissible Random Error ±	Measurement Uncertainty±
	µl	µl	µl	µl	µl	µl	µl
1	10.0	10.09	-0.09	0.10	0.03	0.08	0.21
2	50.0	49.97	0.03	0.50	0.06	0.20	0.21
3	100.0	99.90	0.10	0.80	0.09	0.30	0.21

17. REMARKS & CONCLUSION:

- Reported Values of DUC are Average of 10 Measuring Series.
- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.
- Calibration certificate issued for Pipette is used for scientific or industrial purpose only.
- Calibration of pipette is done as per ISO8655-6 & Permissible Systematic & Random error are given as per ISO 8655-2
- Coefficient of cubic thermal expansion (°C⁻¹ × 10⁻⁶) of Borosilicate Glass 5.0 is 15 × 10⁻⁶.
- The measurement data reported is "As found" - Without any Adjustment.
- This Certificate refer only to particular item submitted for Calibration.
- Volume at the reference temperature of 27°C, V27 from the apparent mass of water.
- The Std.used for calibration are calibrated and Traceable to National/International Standards.

Calibrated By

NETRAVATHI G
CALIBRATION ENGINEER



Authorized Signatory

NAGAPPA KANNUR
DY TECHNICAL MANAGER
FM-GL-67

CALIBRATION CERTIFICATE

1. Customer Name:	M/s.Prima Diagnostics Gururaj Govind Life Sciences, Whitefield LLP, Varthur Whitefield Main Road, Siddapura Village, Bangalore-560066	6. Certificate No:	RCPL/21-22/ML/I3106-03
		7.ULR No:	CC221521000005803F
		8.Date of Issue:	12-07-2021
2. SRF No:	I3106	9.Date of Calibration:	09-07-2021
3. Date of SRF/Receipt:	09-07-2021	10. Next Cal Due:	08-01-2022
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: 20.47°C , Humidity: 53.36% RH
Ambient Pressure: 910.8hpa, Water Temperature: 19.8°C

14. DUC DETAILS:

Nomenclature :	Micropipette	Serial. No:	OW14216
Make & Model:	ThermoScientific & Finnpiptette F3	Code/ID No :	PD-WF/LGI/MP/03
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:	TVCSPSL 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	100.55	-0.55	0.80	0.09	0.30	0.21
2	500	501.76	-1.76	4.00	0.12	1.50	0.61
3	1000	1004.40	-4.40	8.00	0.18	3.00	0.61

17. REMARKS & CONCLUSION:

- Reported Values of DUC are Average of 10 Measuring Series.
- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.
- Calibration certificate issued for Pipette is used for scientific or industrial purpose only.
- Calibration of pipette is done as per ISO8655-6 & Permissible Systematic & Random error are given as per ISO 8655-2
- Coefficient of cubic thermal expansion (°C-1 × 10⁻⁶) of Borosilicate Glass 5.0 is 15 × 10⁻⁶.
- The measurement data reported is "As found" - Without any Adjustment.
- This Certificate refer only to particular item submitted for Calibration.
- Volume at the reference temperature of 27°C, V27 from the apparent mass of water.
- The Std.used for calibration are calibrated and Traceable to National/International Standards.


Calibrated By



NETRAVATN G
CALIBRATION ENGINEER




Authorized Signatory



NAGAPPA KANNUR
DY TECHNICAL MANAGER

FM-GL-67

CALIBRATION CERTIFICATE

1. Customer Name:	M/s. Prima Diagnostics, Gururaj Govind Life Sciences Whitefield LLP, Varthur Whitefield Main Road, Siddapura Village, Bangalore-560066	6. Certificate No:	RCPL/21-22/TH/S1317-01	
		7. ULR:	CC221521000005816F	
		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	
4. Discipline:	Thermal Calibration	11. Calibration SOP no:	RCPL/SOP/TH-09	
5. Calibrated At:	Onsite	12. Condition of DUC on Receipt:	Good	
13. ENVIRONMENTAL CONDITION: Temperature: 20 to 40°C / Humidity: ≤70% R.H				
14. DUC DETAILS:				
Nomenclature :	Temperature Controller with Sensor of FREEZER	ID No.:	PD-WF/LGI/REF/01	
Make & Model :	Blue Star & VF 375E	Serial No:	150301000043	
Range :	-15 to -25 °C	Resolution:	0.1 °C	
Location:	STORE			
15. STANDARD INSTRUMENT USED:				
Nomenclature:	RTD WITH INDICATOR	Serial No:	Sen: 1591, Ind: 14F237012	
Make & Model :	TEMPSENS & TEMPMET-08	Cal Due Date:	24-09-2021	
Range :	-80 to 400°C	Traceable to:	TEMPSENS, Udaipur	
Certificate No:	TL/020/762.1.3			
16. CALIBRATION RESULTS:				
Sl.No	Standard Meter Reading (°C)	DUC Set (°C)	Error Obtained (°C)	Expanded Measurement Uncertainty ± (°C)
1	-20.32	-20.0	0.32	0.21
17. REMARKS & CONCLUSION:				
<p>a. Reported Values of STD & DUC are Average of 5 Trials.</p> <p>b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.00.</p> <p>c. Calibration Points & Due date is given as per Customer Request.</p> <p>d. Temperature Scale: International Temperature Scale-1990(ITS-90)</p> <p>e. Measurement results are Traceable to National standard.</p>				
Calibrated By		Authorized Signatory		
 NANDEESH M R CALIBRATION ENGINEER		 B SRINIVAS TECHNICAL MANAGER		
		FM-GL-29		



When Quality Matters.

Reltec Calibration Pvt. Ltd.

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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, Gururaj Govind Life Sciences Whitefield LLP, Varthur Whitefield Main Road, Siddapura Village, Bangalore-560066	6. Certificate No:	RCPL/21-22/TH/S1317-03
		7. ULR:	CC221521000005818F
		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
4. Discipline:	Thermal Calibration	11. Calibration SOP no:	RCPL/SOP/TH-09
5. Calibrated At:	Onsite	12. Condition of DUC on Receipt:	Good

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

14. DUC DETAILS:

Nomenclature :	Temperature Controller with Sensor of Refrigerator	ID No.:	PD-WF/LGI/REF/03
Make & Model :	Whirlpool & 71078	Serial No:	INC181034123
Range :	2 to 8 °C	Resolution:	0.1 °C
Location:	INSIDE LAB		

15. STANDARD INSTRUMENT USED:

Nomenclature:	RTD WITH INDICATOR	Serial No:	Sen: 1591, Ind: 14F237012
Make & Model :	TEMPSENS & TEMPMET-08	Cal Due Date:	24-09-2021
Range :	-80 to 400°C	Traceable to:	TEMPSENS, Udaipur
Certificate No:	TL/020/762.1.3		

16. CALIBRATION RESULTS:

Sl.No	Standard Meter Reading (°C)	DUC Set (°C)	Error Obtained (°C)	Expanded Measurement Uncertainty ± (°C)
1	6.63	6.3	-0.33	0.21

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.
- Temperature Scale: International Temperature Scale-1990(ITS-90)
- Measurement results are Traceable to National standard.

Calibrated By

NANDEESH M R

CALIBRATION ENGINEER



Authorized Signatory

B SRINIVAS

TECHNICAL MANAGER

FM-GL-29

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, C/o. Gururaj Govind Life Science LLP, 28/4, Siddapur Village, Varthur, White Field, Bangalore-560066	6. Certificate No:	RCPL/21-22/TH/I3106-01
		7. ULR No:	CC221521000005819F
		8. Date of ISSUE:	15-07-2021
2. SRF No:	I3106	9. Date of Calibration:	09-07-2021
3. Date of SRF/Receipt:	09-07-2021	10. Next Cal Due:	08-07-2022
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 & HTC-2	ID No:	PD-WF/LGI/THMP-01
Range :	-10 to 50°C & 10 to 99% R.H.	Resolution:	0.1° C & 1% R.H.

15. STANDARD INSTRUMENT USED:

Nomenclature:	Digital Temp. & Humidity Meter	Serial No:	Q952527
Make & Model :	LUTRON & HT-315	Cal Due Date:	09-01-2022
Range :	0 to 50°C & 10 to 95% RH	Traceable to:	Transcal, Bangalore
Certificate No:	TSC/20-21/10033-1		

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	14.84	14.7	-0.14	0.34
2	30	29.73	29.4	-0.33	0.34
3	50	49.65	49.2	-0.45	0.34
Relative Humidity					
	%RH	%RH	%RH	%RH	%RH
4	30	29.12	28	-1.12	1.31
5	60	59.46	58	-1.46	1.31
6	95	94.25	93	-1.25	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



SAVITA BANAKAR
CALIBRATION ENGINEER



Authorized Signatory



B. SRINIVAS
TECHNICAL MANAGER

CALIBRATION CERTIFICATE

1. Customer Name:	M/s. Prima Diagnostics, C/o. Gururaj Govind Life Science LLP, 28/4, Siddapur Village, Varthur, White Field, Bangalore-560066	6. Certificate No:	RCPL/21-22/TH/I3106-03
		7. ULR No:	CC221521000005821F
		8. Date of ISSUE:	15-07-2021
2. SRF No:	I3106	9. Date of Calibration:	09-07-2021
3. Date of SRF/Receipt:	09-07-2021	10. Next Cal Due:	08-07-2022
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 & HTC-2	ID No:	PD-WF/LGI/THMP-02
Range :	-10 to 50°C & 0 to 99% R.H.	Resolution:	0.1° C & 1% R.H.

15. STANDARD INSTRUMENT USED:

Nomenclature:	Digital Temp. & Humidity Meter	Serial No:	Q952527
Make & Model :	LUTRON & HT-315	Cal Due Date:	09-01-2022
Range :	0 to 50°C & 10 to 95% RH	Traceable to:	Transcal, Bangalore
Certificate No:	TSC/20-21/10033-1		

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	14.82	14.7	-0.12	0.34
2	30	29.70	29.4	-0.30	0.34
3	50	49.60	49.2	-0.40	0.34
Relative Humidity					
	%RH	%RH	%RH	%RH	%RH
4	30	29.11	28	-1.11	1.31
5	60	59.44	58	-1.44	1.31
6	95	93.25	92	-1.25	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



SAVITA BANAKAR
CALIBRATION ENGINEER



Authorized Signatory



B. SRINIVAS
TECHNICAL MANAGER

FM-GL-29