



RELIABLE TECHNOCARE PVT. LTD.

(Medical Division)

Reliable House, Palazzo Greens, Wing-A, Unit No.101-104,
Vadgaon Maval(Talegaon NH-48), Pune-412106. (MH) India.
Telefax : +91-020-27421170 Email : reliable1010@gmail.com
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Web. : www.reliable.world / www.reliabletechnical.com



CC-3353

CALIBRATION CERTIFICATE

1.CUSTOMER	:-	Page No.	:-	1 of 2
Citi Pathlabs		Certificate No.	:-	MD.23.12.16.001
Flat no-004,Shivaay South City Complex,		Date of Received	:-	16.12.2023
Phase-2,G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Calibration	:-	16.12.2023
Ambient Temp.	:- 25 ± 4°C	Next Calibration Due On	:-	15.12.2024
Relative Humidity	:- <70% RH	Date of Issue	:-	18.12.2023
Location of calibration	:- On Site	Calibration method No.	:-	RTPL-MD/WI-01
Condition of Item	:- OK	ULR No.	:-	CC335323000014902F

2. Description of Item

Name	:- Urin Analyzer	Make	:-	Agappe
ID. No.	:- --	Model No.	:-	Mispa Uriskan 100
Sr No.	:- C6298220705	Location	:-	--

3.Details of Equipment used for calibration

Name	:- Electrical Safety Analyzer
Certificate No.	:- M-230104-4-2
Certified By	:- Godrej
ID/Sr. No.	:- 3366061
Calibration Validity	:- 11.01.2024

Note:

- 1)The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$, which corresponds to a coverage probability of approximately 95% for normal distribution
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Reliable Technocare Pvt. Ltd, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) Decision Rule - Simple Acceptance : where, 'Pass' indicates measured value is within/equal tolerance limit/Accuracy, 'Fail' indicates measured value is out of Tolerance limit/Accuracy, as per the 'Instrumentation & Technical Services University of Vermont', without considering Measurement Uncertainty.

Calibrated By

T.F.

Calibration Engineer

Trupti Futane



Approved By

Ahmed

Technical Manager

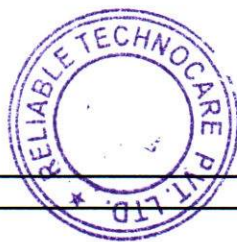
Nishigandha Khaire

RTPL/F-21, R0



Electrical Safety Test :

Sr.No	Parameters	Type	Measured Values	Tolerance	Remarks
1	Mains Voltage (V AC)	Live-Neutral	234.9	210 to 240 V	Pass
2	Mains Voltage (V AC)	Live-Earth	238.0	210 to 240 V	Pass
3	Mains Voltage (V AC)	Neutral-Earth	3.3	0 to 5 V	Pass
4	Protective Earth Resistance (Ω)	--	0.177	< 0.3 ohm	Pass
5	Direct Equipment Leakage (μ A)	Open Earth	15.1	< 500 μ A	Pass
6	Direct Equipment Leakage (μ A)	Open Earth-Reversed Mains	13.1	< 500 μ A	Pass
7	Insulation Resistance	Mains to Protective Earth	999M Ω	--	Pass
8	Equipment Current (A)	--	0.1	--	Pass



Approved By

 Technical Manager
 Nishigandha Khaire



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CALIBRATION CERTIFICATE

1.CUSTOMER	-	Page No.	-	1 of 2
Citi Pathlabs		Certificate No.	-	MD.23.12.16.002
Flat no-004, Shivaay South City Complex,		Date of Received	-	16.12.2023
Phase-2, G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Calibration	-	16.12.2023
Ambient Temp.	- 25 ± 4°C	Next Calibration Due On	-	15.12.2024
Relative Humidity	- <70% RH	Date of Issue	-	18.12.2023
Location of calibration	- On Site	Calibration method No.	-	RTPL-MD/WI-01
Condition of Item	- OK	ULR No.	-	CC335323000014903F

2. Description of Item

Name	- Blood Mixer	Make	-	Sciences
ID. No.	- --	Model No.	-	--
Sr No.	- Na	Location	-	--

3.Details of Equipment used for calibration

Name	- Electrical Safety Analyzer
Certificate No.	- M-230104-4-2
Certified By	- Godrej
ID/Sr. No.	- 3366061
Calibration Validity	- 11.01.2024

Note:

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Calibrated By

T.F.

Calibration Engineer

Trupti Futane



Approved By

Athei

Technical Manager

Nishigandha Khaire

RTPL/F-21, R0



Certificate No. :- MD.23.12.16.002

Page No.

:- 2 of 2

Electrical Safety Test :

Sr.No	Parameters	Type	Measured Values	Tolerance	Remarks
1	Mains Voltage (V AC)	Live-Neutral	234.8	210 to 240 V	Pass
2	Mains Voltage (V AC)	Live-Earth	237.6	210 to 240 V	Pass
3	Mains Voltage (V AC)	Neutral-Earth	3.1	0 to 5 V	Pass
4	Protective Earth Resistance (Ω)	--	0.193	< 0.3 ohm	Pass
5	Direct Equipment Leakage (μ A)	Open Earth	14.3	< 500 μ A	Pass
6	Direct Equipment Leakage (μ A)	Open Earth-Reversed Mains	16.4	< 500 μ A	Pass
7	Insulation Resistance	Mains to Protective Earth	999M Ω	--	Pass
8	Equipment Current (A)	--	0.1	--	Pass



Approved By

Technical Manager
Nishigandha Khaire



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CALIBRATION CERTIFICATE

1.CUSTOMER	-	Page No.	-	1 of 2
Citi Pathlabs		Certificate No.	-	MD.23.12.16.003
Flat no-004, Shivaay South City Complex,		Date of Received	-	16.12.2023
Phase-2, G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Calibration	-	16.12.2023
Ambient Temp.	- 25 ± 4°C	Next Calibration Due On	-	15.12.2024
Relative Humidity	- <70% RH	Date of Issue	-	18.12.2023
Location of calibration	- On Site	Calibration method No.	-	RTPL-MD/WI-01
Condition of Item	- OK	ULR No.	-	CC335323000014904F

2. Description of Item

Name	- Microscope	Make	-	Labomed
ID. No.	- --	Model No.	-	Vision 2000
Sr No.	- 230651829	Location	-	--

3.Details of Equipment used for calibration

Name	- Electrical Safety Analyzer
Certificate No.	- M-230104-4-2
Certified By	- Godrej
ID/Sr. No.	- 3366061
Calibration Validity	- 11.01.2024

Note:

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Calibrated By

T.F.

Calibration Engineer

Trupti Futane



Approved By

Nishigandha Khaire

Technical Manager

Nishigandha Khaire

RTPL/F-21, R0

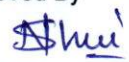


Certificate No. :- MD.23.12.16.003 Page No. :- 2 of 2

Electrical Safety Test :

Sr.No	Parameters	Type	Measured Values	Tolerance	Remarks
1	Mains Voltage (V AC)	Live-Neutral	235.5	210 to 240 V	Pass
2	Mains Voltage (V AC)	Live-Earth	237.4	210 to 240 V	Pass
3	Mains Voltage (V AC)	Neutral-Earth	2.1	0 to 5 V	Pass
4	Protective Earth Resistance (Ω)	--	0.101	< 0.3 ohm	Pass
5	Direct Equipment Leakage (μ A)	Open Earth	17.8	< 500 μ A	Pass
6	Direct Equipment Leakage (μ A)	Open Earth-Reversed Mains	18.3	< 500 μ A	Pass
7	Insulation Resistance	Mains to Protective Earth	999M Ω	--	Pass
8	Equipment Current (A)	--	0.1	--	Pass



Approved By

 Technical Manager
 Nishigandha Khaire



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Citi Pathlabs		Certificate No.	-	MD.23.12.16.004
Flat no-004, Shivaay South City Complex,		Date of Received	-	16.12.2023
Phase-2, G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Calibration	-	16.12.2023
Ambient Temp.	- 25 ± 4°C	Next Calibration Due On	-	15.12.2024
Relative Humidity	- <70% RH	Date of Issue	-	18.12.2023
Location of calibration	- On Site	Calibration method No.	-	RTPL-MD/WI-01
Condition of Item	- OK	ULR No.	-	CC335323000014905F

2. Description of Item

Name	- Blood Cell Counter	Make	-	Mindray
ID. No.	- --	Model No.	-	BC-30
Sr No.	- UD-35006959	Location	-	--

3. Details of Equipment used for calibration

Name	- Electrical Safety Analyzer
Certificate No.	- M-230104-4-2
Certified By	- Godrej
ID/Sr. No.	- 3366061
Calibration Validity	- 11.01.2024

Note:

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Calibrated By

T.F.

Calibration Engineer

Trupti Futane



Approved By

Nishigandha Khaire

Technical Manager

Nishigandha Khaire

RTPL/F-21, R0



Certificate No. :- MD.23.12.16.004

Page No.

:- 2 of 2

Electrical Safety Test :

Sr.No	Parameters	Type	Measured Values	Tolerance	Remarks
1	Mains Voltage (V AC)	Live-Neutral	236.1	210 to 240 V	Pass
2	Mains Voltage (V AC)	Live-Earth	238.2	210 to 240 V	Pass
3	Mains Voltage (V AC)	Neutral-Earth	2.2	0 to 5 V	Pass
4	Protective Earth Resistance (Ω)	--	0.149	< 0.3 ohm	Pass
5	Direct Equipment Leakage (μ A)	Open Earth	17.6	< 500 μ A	Pass
6	Direct Equipment Leakage (μ A)	Open Earth-Reversed Mains	14.7	< 500 μ A	Pass
7	Insulation Resistance	Mains to Protective Earth	999M Ω	--	Pass
8	Equipment Current (A)	--	0.2	--	Pass



Approved By

Technical Manager
Nishigandha Khaire



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1.CUSTOMER	:-	Page No.	:-	1 of 2
Citi Pathlabs		Certificate No.	:-	MD.23.12.16.005
Flat no-004,Shivaay South City Complex,		Date of Received	:-	16.12.2023
Phase-2,G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Calibration	:-	16.12.2023
Ambient Temp.	:- 25 ± 4°C	Next Calibration Due On	:-	15.12.2024
Relative Humidity	:- <70% RH	Date of Issue	:-	18.12.2023
Location of calibration	:- On Site	Calibration method No.	:-	RTPL-MD/WI-01
Condition of Item	:- OK	ULR No.	:-	CC335323000014906F

2. Description of Item

Name	:- Electrolyte Analyzer	Make	:-	Bene Sphera
ID. No.	:- --	Model No.	:-	Avantor
Sr No.	:- 9292021	Location	:-	--

3.Details of Equipment used for calibration

Name	:- Electrical Safety Analyzer
Certificate No.	:- M-230104-4-2
Certified By	:- Godrej
ID/Sr. No.	:- 3366061
Calibration Validity	:- 11.01.2024

Note:

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Calibrated By

T.F.

Calibration Engineer
Trupti Futane



Approved By

#khu

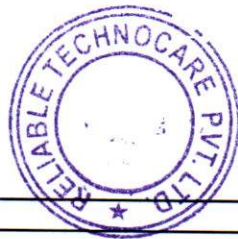
Technical Manager
Nishigandha Khaire

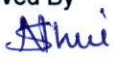
RTPL/F-21, R0



Electrical Safety Test :

Sr.No	Parameters	Type	Measured Values	Tolerance	Remarks
1	Mains Voltage (V AC)	Live-Neutral	235.0	210 to 240 V	Pass
2	Mains Voltage (V AC)	Live-Earth	237.6	210 to 240 V	Pass
3	Mains Voltage (V AC)	Neutral-Earth	2.7	0 to 5 V	Pass
4	Protective Earth Resistance (Ω)	--	0.102	< 0.3 ohm	Pass
5	Direct Equipment Leakage (μ A)	Open Earth	16.2	< 500 μ A	Pass
6	Direct Equipment Leakage (μ A)	Open Earth-Reversed Mains	17.4	< 500 μ A	Pass
7	Insulation Resistance	Mains to Protective Earth	999M Ω	--	Pass
8	Equipment Current (A)	--	0.2	--	Pass



Approved By

 Technical Manager
 Nishigandha Khaire



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CC-3353

CALIBRATION CERTIFICATE

1.CUSTOMER	:-	Page No.	:-	1 of 2
Citi Pathlabs		Certificate No.	:-	MD.23.12.16.006
Flat no-004,Shivaay South City Complex,		Date of Received	:-	16.12.2023
Phase-2,G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Calibration	:-	16.12.2023
Ambient Temp.	:- 25 ± 4°C	Next Calibration Due On	:-	15.12.2024
Relative Humidity	:- <70% RH	Date of Issue	:-	18.12.2023
Location of calibration	:- On Site	Calibration method No.	:-	RTPL-MD/WI-01
Condition of Item	:- OK	ULR No.	:-	CC335323000014907F

2. Description of Item

Name	:- Semi Auto Bio-Chem Analyzer	Make	:-	Mispa Viva
ID. No.	:- --	Model No.	:-	--
Sr No.	:- 2122301610011	Location	:-	--

3.Details of Equipment used for calibration

Name	:- Electrical Safety Analyzer
Certificate No.	:- M-230104-4-2
Certified By	:- Godrej
ID/Sr. No.	:- 3366061
Calibration Validity	:- 11.01.2024

Note:

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Calibrated By

T.f.

Calibration Engineer

Trupti Futane



Approved By

Nishigandha Khaire

Technical Manager

Nishigandha Khaire

RTPL/F-21, R0



Certificate No. :- MD.23.12.16.006

Page No.

:- 2 of 2

Electrical Safety Test :

Sr.No	Parameters	Type	Measured Values	Tolerance	Remarks
1	Mains Voltage (V AC)	Live-Neutral	235.2	210 to 240 V	Pass
2	Mains Voltage (V AC)	Live-Earth	237.9	210 to 240 V	Pass
3	Mains Voltage (V AC)	Neutral-Earth	2.8	0 to 5 V	Pass
4	Protective Earth Resistance (Ω)	--	0.162	< 0.3 ohm	Pass
5	Direct Equipment Leakage (μ A)	Open Earth	17.8	< 500 μ A	Pass
6	Direct Equipment Leakage (μ A)	Open Earth-Reversed Mains	17.6	< 500 μ A	Pass
7	Insulation Resistance	Mains to Protective Earth	999M Ω	--	Pass
8	Equipment Current (A)	--	0.2	--	Pass



Approved By

Technical Manager
Nishigandha Khaire



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Citi Pathlabs		Certificate No.	-	MD.23.12.16.007
Flat no-004, Shivaay South City Complex,		Date of Received	-	16.12.2023
Phase-2, G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Calibration	-	16.12.2023
Ambient Temp.	- 25 ± 4°C	Next Calibration Due On	-	15.12.2024
Relative Humidity	- <70% RH	Date of Issue	-	18.12.2023
Location of calibration	- On Site	Calibration method No.	-	RTPL-MD/WI-01
Condition of Item	- OK	ULR No.	-	CC335323000014908F

2. Description of Item

Name	- Immunoassay Analyzer	Make	-	Snipe Diagnostic
ID. No.	- --	Model No.	-	Maglumi 800
Sr No.	- O101010012022201507	Location	-	--

3.Details of Equipment used for calibration

Name	- Electrical Safety Analyzer
Certificate No.	- M-230104-4-2
Certified By	- Godrej
ID/Sr. No.	- 3366061
Calibration Validity	- 11.01.2024

Note:

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Calibrated By

T.F.

Calibration Engineer
Trupti Futane



Approved By

Akhi

Technical Manager
Nishigandha Khaire

RTPL/F-21, R0



Electrical Safety Test :

Sr.No	Parameters	Type	Measured Values	Tolerance	Remarks
1	Mains Voltage (V AC)	Live-Neutral	235.4	210 to 240 V	Pass
2	Mains Voltage (V AC)	Live-Earth	238.0	210 to 240 V	Pass
3	Mains Voltage (V AC)	Neutral-Earth	2.8	0 to 5 V	Pass
4	Protective Earth Resistance (Ω)	--	0.182	< 0.3 ohm	Pass
5	Direct Equipment Leakage (μ A)	Open Earth	13.5	< 500 μ A	Pass
6	Direct Equipment Leakage (μ A)	Open Earth-Reversed Mains	15.8	< 500 μ A	Pass
7	Insulation Resistance	Mains to Protective Earth	999M Ω	--	Pass
8	Equipment Current (A)	--	0.1	--	Pass



Approved By

Nishigandha Khaire

Technical Manager
Nishigandha Khaire



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CC-3353

CALIBRATION CERTIFICATE

1.CUSTOMER	-:	Page No.	-:	1 of 1
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Flat no-004, Shivaay South City Complex,		Date of Received	-:	16.12.2023
Phase-2, G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Calibration	-:	16.12.2023
Ambient Temp.	-: 25 ± 4°C	Next Calibration Due On	-:	15.12.2024
Relative Humidity	-: <70% RH	Date of Issue	-:	18.12.2023
Location of calibration	-: On Site	Calibration method No.	-:	RTPL-MD/WI-23
Condition of Item	-: OK	ULR No.	-:	CC335323000014909F

2. Description of Item

Name	-: Weight Machine	Make	-:	PeerBio
ID. No.	-: --	Max Capacity	-:	0 to 180 kg
Type	-: Na	Location	-:	--

3. Details of Equipment used for calibration

Name	-: Std. Weight Box
Certificate No.	-: 22.144.005
Certified By	-: RTS
ID/Sr. No.	-: RTS-W-02
Calibration Validity	-: 25.12.2023

4. Calibration Results

Master Reading	UUC Reading	Deviation	Expanded Uncertainty	Tolerance	Result
kg	kg	kg	± kg		
10	10.0	0.0	0.06	±1 kg	Pass
50	50.0	0.0	0.06		Pass
100	100.0	0.0	0.06		Pass
120	120.0	0.0	0.06		Pass
150	149.9	0.1	0.06		Pass

Note:

- 1) The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$, which corresponds to a coverage probability of approximately 95% for normal distribution
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Reliable Technocare Pvt. Ltd, Pune".
- 6) The Standard used are traceable to National / International Standard.
- 7) Decision Rule - Simple Acceptance : where, 'Pass' indicates measured value is within/equal tolerance limit/Accuracy, 'Fail' indicates measured value is out of Tolerance limit/Accuracy, without considering Measurement Uncertainty.

Calibrated By

J.G.
Calibration Engineer
Jaibheem Gaikwad



Approved By

Nishigandha Khaire
Technical Manager

RTPL/F-21, R0





RELIABLE TECHNOCARE PVT. LTD.

(Medical Division)

Reliable House, Palazzo Greens, Wing-A, Unit No.101-104,
Vadgaon Maval(Talegaon NH-48), Pune-412106. (MH) India.
Telefax : +91-020-27421170 Email : reliable1010@gmail.com
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Web. : www.reliable.world / www.reliabletechnicals.com



CC-3353

CALIBRATION CERTIFICATE

1.CUSTOMER	-	Page No.	-	1 of 1
Citi Pathlabs		Certificate No.	-	MD.23.12.16.009
Flat no-004,Shivaay South City Complex,		Date of Received	-	16.12.2023
Phase-2,G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Calibration	-	16.12.2023
Ambient Temp.	- 25 ± 4°C	Next Calibration Due On	-	15.12.2024
Relative Humidity	- <70% RH	Date of Issue	-	18.12.2023
Location of calibration	- On Site	Calibration method No.	-	RTPL-MD/WI-09
Condition of Item	- OK	ULR No.	-	CC335323000014910F

2. Description of Item

Name	- Incubator	Make	-	Cellwin
ID. No.	- --	Range	-	37 °C
Type	- Na	Location	-	--

3.Details of Equipment used for calibration

Name	- Data Logger With Sensor
Certificate No.	- 22.144.003
Certified By	- RTS
ID/Sr. No.	- RTS-DLS-02
Calibration Validity	- 25.12.2023

4.Calibration Results

Temperature :

Master Reading °C	UUC Reading °C	Deviation °C	Expanded Uncertainty ± %	Tolerance	Result
37.3	37	0.3	0.7	± 2°C	Pass

Note:

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Calibrated By

J.G.

Calibration Engineer
Jaibheem Gaikwad



Approved By

Nishigandha Khaire

Technical Manager
Nishigandha Khaire

RTPL/F-21, R0





RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
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CC-2927

CALIBRATION CERTIFICATE

1.CUSTOMER :-	Page No.	:- 1 of 1
Citi Pathlabs	NABL Accreditation No.	:- CC-2927
Flat no-004, Shivaay South City Complex,	Certificate No.	:- 23.12.16.001
Phase-2,G-3, Gulmohar Colony, Bhopal (M. P.)	Date of Received	:- 16.12.2023
Temperature. (°C) :- 22.5	Date of Calibration	:- 16.12.2023
Relative Humidity (% RH) :- 51	Next Calibration Due On	:- 15.12.2024
Location of calibration :- In Lab/On site	Calibration method No.	:- RTS-WI-06
Condition of Item :- OK	Date of Issue	:- 18.12.2023
	ULR No.	:- CC292723000011208F

2. Description of Item

Name :- Centrifuge	Range :- 0 TO 3500 RPM
Id No :- Na	Least Count :- 1 RPM
Make :- Chemexon	
Type :- --	

3.Details of Equipment used for calibration

Name :- DIG. TACHOMETER
Certificate No. :- HT/CC/230922-12/001
Certified By :- HI TECH
ID/Sr. No. :- RTS-RPM-03
Range :- 1 to 99999 RPM
Uncertainty :- ± 3.43 RPM
Calibration Validity :- 26.09.2024

Discipline :- Mechanical Calibration **Group** Acceleration, Speed & Acoustics-Speed

4.Calibration Results

Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in \pm
RPM	RPM	RPM	RPM	%
500	500.8	500	-0.8	0.13
1000	1001	1000	-1	0.13
2000	2002	2000	-2	0.13
3000	3002	3000	-2	0.13
3500	3503	3500	-3	0.13

Note:

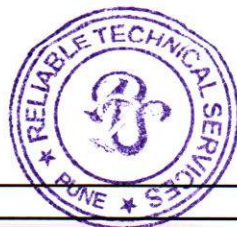
- 1)The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$, which corresponds to a coverage probability of approximately 95% for normal distribution
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
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- 6) The Standard used are traceable to National / International Standard.

Calibrated By

S. KORE

Calibration Engineer
Sagar Kore

RF-21, R0



Approved By

R. Sable

Technical Manager
RAHUL SABLE





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(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
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CC-2927

CALIBRATION CERTIFICATE

1.CUSTOMER :- Citi Pathlabs Flat no-004, Shivaay South City Complex, Phase-2, G-3, Gulmohar Colony, Bhopal (M. P.) Temperature (°C) :- 23.8 Relative Humidity (%RH) :- 49.4 Condition of Item :- OK Atmospheric Pressure :- 944.5 mbar	Page No. :- 1 of 1 NABL Accreditation No. :- CC-2927 Certificate No. :- 23.12.16.002 Date of Received :- 16.12.2023 Date of Calibration :- 16.12.2023 Next Calibration Due On :- 15.12.2024 Location of calibration :- In lab Calibration method No. :- RTS-WI-19 Date of Issue :- 18.12.2023 ULR No. :- CC292723000011209F
---	--

2. Description of Item

Name :- Micropipette	Range :- 10 to 100 μ l
Sr. No :- Na	Resolution :- 1 μ l
Make :- Cellwin	

3. Detail of Equipment used for calibration

Name :- WEIGHING BALANCE
Certificate No. :- 23.10.IH.002
Certified By :- RTS
ID/Sr. No. :- RTS-WBL-08
Range :- 5.1 g
Uncertainty :- ± 0.006 mg
Calibration Validity :- 25.10.2024

Discipline :- Mechanical Calibration Group Mass and Volume-Volume

4. Calibration Results :-

Sr.No.	Volume in μ l	Observed mean volume at 27 °C (ref. Temp) μ l	Systematic Error μ l	Random Error μ l	Expanded Uncertainty \pm μ l
1	10	10.057	0.057	0.003	0.03
2	50	50.228	0.228	0.007	0.03
3	100	100.418	0.418	0.003	0.03

Note:

- 1) The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$, which corresponds to a coverage probability of approximately 95% for normal distribution
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- 6) The Standard used are traceable to National / International Standard.
- 7) Calibration of volumetric measures done by any accredited laboratories is meant for scientific and industrial purpose only.

Calibrated By

V. salunke

Calibration Engineer
V. Salunke

Approved By

SM

Technical Manager
SACHIN A. MHASAWADE

RF-21, R0





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CC-2927

CALIBRATION CERTIFICATE

1.CUSTOMER	:-		Page No.	:- 1 of 1	
Citi Pathlabs			NABL Accreditation No.	:- CC-2927	
Flat no-004, Shivaay South City Complex,			Certificate No.	:- 23.12.16.003	
Phase-2,G-3, Gulmohar Colony, Bhopal (M. P.)			Date of Received	:- 16.12.2023	
Ambient Temp. (°C)	:- 23.2		Date of Calibration	:- 16.12.2023	
Relative Humidity (%RH)	:- 53		Next Calibration Due On	:- 15.12.2024	
Location of calibration	:- In Lab/On Site		Calibration method No.	:- RTS-WI-10	
Condition of Item	:- Ok		Date of Issue	:- 18.12.2023	
			ULR No.	:- CC292723000011210F	

2. Description of Item					
Name	:- Ref. Temp Indicator with sensor		Range	:- -50 to 2 °C	
Id No	:- Na		Least Count	:- 1 °C	
Make	:- Na				
Type	:- --				

3.Detail of Equipment used for calibration					
Name	:- 6½ DMM		PT 100 Sensor		
Certificate No.	:- VI/23-24/5058-04		TL/023/675.1.1		
Certified By	:- VI		Tempsens		
ID/Sr. No.	:- TW00005089		TPRT-1574		
Range	:- As per traceability		-200 to 500 °C		
Uncertainty	:- As per traceability		± 0.15 °C		
Calibration Validity	:- 20.09.2024		05.06.2024		

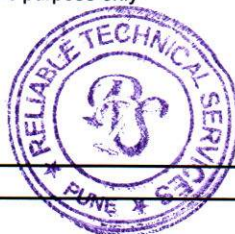
Discipline :- Thermal Calibration **Group** Temperature

4.Calibration Results :-				
Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°c
-40	-40.06	-40	0.06	0.65
-20	-20.09	-20	0.09	0.65
2	2.10	2	-0.10	0.66

Note:

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- 6) The Standard used are traceable to National / International Standard.
- 7) RTS is responsible for all the information in the calibration certificate, except that provided by the customer. Information supplied by the customer can affect the validity of the results'
- 8) Above results are valid for industrial & scientific purpose only

Calibrated By
S. KORE
Calibration Engineer
Sagar Kore



Approved By
SM
Technical Manager
Sachin A. Mhasawade

RF-21, R0





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CALIBRATION CERTIFICATE

1.CUSTOMER	:-	Page No.	:- 1 of 1
Citi Pathlabs		NABL Accreditation No.	:- CC-2927
Flat no-004, Shivaay South City Complex,		Certificate No.	:- 23.12.16.004
Phase-2,G-3, Gulmohar Colony, Bhopal (M. P.)		Date of Received	:- 16.12.2023
Temperature (°C)	:- 23.4	Date of Calibration	:- 16.12.2023
Relative Humidity (%RH)	:- 49.9	Next Calibration Due On	:- 15.12.2024
Condition of Item	:- OK	Location of calibration	:- In lab
Atmospheric Pressure	:- 944.5 mbar	Calibration method No.	:- RTS-WI-19
		Date of Issue	:- 18.12.2023
		ULR No.	:- CC292723000011211F

2. Description of Item

Name	:- Micropipette	Range	:- 100 to 1000 µl
Sr. No	:- YE217AS0248559	Resolution	:- 5 µl
Make	:- Dragonlab		

3.Detail of Equipment used for calibration

Name	:- WEIGHING BALANCE
Certificate No.	:- 23.10.IH.002
Certified By	:- RTS
ID/Sr. No.	:- RTS-WBL-08
Range	:- 5.1 g
Uncertainty	:- ±0.006 mg
Calibration Validity	:- 25.10.2024

Discipline :- Mechanical Calibration Group Mass and Volume-Volume

4.Calibration Results

Sr.No.	Volume in µl	Observed mean volume at 27 °C (ref. Temp) µl	Systematic Error µl	Random Error µl	Expanded Uncertainty ± µl
1	100	100.531	0.531	0.008	0.03
2	500	502.048	2.048	0.004	1.8
3	1000	1006.902	6.902	0.006	1.8

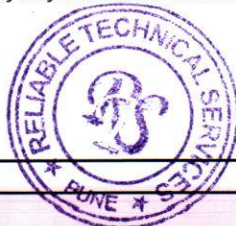
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- 6) The Standard used are traceable to National / International Standard.
- 7)Calibration of volumetric measures done by any accredited laboratories is meant for scientific and industrial purpose only.

Calibrated By

V. Salunke

Calibration Engineer
V. Salunke



Approved By

SM

Technical Manager
SACHIN A. MHASAWADE

RF-21, R0





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(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
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CC-2927

CALIBRATION CERTIFICATE

1.CUSTOMER :- Citi Pathlabs Flat no-004, Shivaay South City Complex, Phase-2, G-3, Gulmohar Colony, Bhopal (M. P.) Temperature (°C) :- 23.7 Relative Humidity (%RH) :- 49.1 Condition of Item :- OK Atmospheric Pressure :- 944.7 mbar	Page No. :- 1 of 1 NABL Accreditation No. :- CC-2927 Certificate No. :- 23.12.16.005 Date of Received :- 16.12.2023 Date of Calibration :- 16.12.2023 Next Calibration Due On :- 15.12.2024 Location of calibration :- In lab Calibration method No. :- RTS-WI-19 Date of Issue :- 18.12.2023 ULR No. :- CC292723000011212F
---	--

2. Description of Item

Name :- Micropipette	Range :- 5 to 50 μ l
Sr. No :- Na	Resolution :- 0.5 μ l
Make :- Dragonlab	

3. Detail of Equipment used for calibration

Name :- WEIGHING BALANCE
Certificate No. :- 23.10.IH.002
Certified By :- RTS
ID/Sr. No. :- RTS-WBL-08
Range :- 5.1 g
Uncertainty :- ± 0.006 mg
Calibration Validity :- 25.10.2024

Discipline :- Mechanical Calibration Group Mass and Volume-Volume

4. Calibration Results :-

Sr.No.	Volume in μ l	Observed mean volume at 27 °C (ref. Temp) μ l	Systematic Error μ l	Random Error μ l	Expanded Uncertainty \pm μ l
1	5.0	5.027	0.027	0.004	0.03
2	30.0	30.175	0.175	0.006	0.03
3	50.0	50.236	0.236	0.006	0.03

Note:

- 1) The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$, which corresponds to a coverage probability of approximately 95% for normal distribution
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V. Salunke

Calibration Engineer
V. Salunke



Approved By

Sm

Technical Manager
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RF-21, R0

