



Sarvashree

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NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 with vide Certificate No: CC-2291

CALIBRATION CERTIFICATE

SSI/FF-20/v1

Page No. 1 of 2

1 Name and Full Address of Customer : M/s. Community Health Centre.,
Near Police Station, Mudgal Road Tavaragera,
Kushtagi Tq, Koppal-583279.

2 Customer Reference

2.1 SRF No : **A4273**
2.2 Certification No. : **SS/23/A4273-01**
2.3 Date of Calibration : **23 September 2023**
2.4 Next Calibration Due : **22 September 2024**
Date of Receipt : 23 September 2023
ULR No : CC229123000017706F
Date of issue : 25 September 2023

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Micro Pipette
3.2 Make : Variable Volume
3.3 SI.No : --
3.4 No.of Pages : 2
3.5 Calibration Procedure No. : SOP-M&V-04
3.6 DUC Condition : Satisfactory
3.7 Calibration done at : Mech Lab, Sarvashree
3.8 Discipline - Group : Mechanical - Volume
Model : --
ID. No. : ICTC/CHC/TAVG/EQUIP-05
Range : 100-1000 μ l
LC: 10 μ l

4 Environmental Condition

Temperature 21.1 °C Humidity 46 %RH

5 Standards Used for calibration

Sl. No.	Nomenclature	Make & Model	Sl. No	Traceable Cert. No.	Validity
1	Electronic Balance	Radwag- AS82/220.R2	585650	TVCSPL 23/03/482-02	14-Mar-24

6 Conclusion / Remarks/Notes:

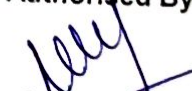
6.1. Kindly refer to Note (s) section mentioned as below.

Calibrated By


Abhishek
(Calibration Engineer)



Authorised By


Noushad N
(Lab In-charge)

NOTE: 1. Measurement Uncertainty reported is at approx 95.45% confidence level with coverage factor k=2, 2. Publication or reproduction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of Sarvashree. 3. The Calibration Certificate relates only to the above DUC. DUC Indicates Device Under Calibration. 4. Corrections/Erasing invalidate the calibration certificate. 5. All Standards / Masters used for calibration are traceable to National / International Standards. 6. Any error in this cert should be brought to our knowledge within 45 days from the date of this certificate. 7. Results reported are valid at the time of and under stated conditions of measurements. 8. Conformity statement is given only when requested by the customer. 9. NABL-133 Guidelines are adopted for use of NABL Symbol.

CAL CERT. NO. SS/23/A4273-01 QLR No : CC229123000017706F Page No. 2 of 2

Range : 100-1000 μ l

LC : 10 μ l

Sl. No.	Micropipette Set Volume in μ l	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in μ l	Average Volume in μ l	Systematic Error, \pm in %	Random Error, in \pm in %
1	100	0.09992	100.217	100.342	0.34	0.20
2		0.09999	100.288			
3		0.10011	100.408			
4		0.10014	100.438			
5		0.10006	100.358			
6		0.09988	100.177			
7		0.10011	100.408			
8		0.10021	100.508			
9		0.10055	100.849			
10		0.10030	100.598			
11	500	0.50028	501.769	501.662	0.33	0.05
12		0.50033	501.819			
13		0.50026	501.749			
14		0.50012	501.608			
15		0.49988	501.368			
16		0.50048	501.969			
17		0.50032	501.809			
18		0.49988	501.368			
19		0.49985	501.338			
20		0.49964	501.127			
21	1000	1.00010	1003.076	1002.815	0.28	0.03
22		1.00015	1003.126			
23		0.99955	1002.525			
24		0.99984	1002.815			
25		1.00015	1003.126			
26		0.99955	1002.525			
27		1.00015	1003.126			
28		0.99955	1002.525			
29		0.99984	1002.815			
30		0.99952	1002.494			

Measurement Uncertainty : \pm 0.58 μ l

Conclusion / Remarks:

- Measurement uncertainty is at confidence level 95.45% which corresponds to a coverage factor of k=2
- Calibration is performed as per ISO 8655 - 6 : 2022 (E)
- Gravimetric Method is adopted for calibration

Calibrated By


Abhishek
(Calibration Engineer)



Authorised By


Neeshad N
(Lab In-charge)

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

CALIBRATION CERTIFICATE

FCL/FM/CL/06

Name of the Customer : M/s.	M/s Community Health Centre.,	Page No. 1 of 1
Address	Near Police Station, Mudgal Road, Tavaragera,	
	Kusthagi Tq, Koppal-583279.	

Customer Reference:

SRF No. :2522	SRF Date :22-09-2023
Certificate No. :FCL/23/2522-03	Calibrated On :22-09-2023
ULR No. :CC310323000013124F	Recommended Cal. Due :21-09-2024

Details of device under calibration (DUC):

Description : Refrigerator	Cal. Procedure : FCL-SOP-THE-01
Make : Godrej	DUC received on :22-09-2023
Model / Type :GDN180PZOP	Status on receipt :Satisfactory
SI No. :80421742	Loc. : ICTC Lab
ID No. :ICTC/CHC/TAVG/EQUIP-02	Certificate issue date :24-09-2023

Environmental Conditions:

Temperature : 25 ± 4 °C	Humidity : 30% RH to 75% RH
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Standards used for Calibration and Traceability Details:

Sl. No.	Nomenclature	Make	Sl. No./ID No	Traceable to	Validity
1	4 Wire RTD Sensor With Handy Calibrator	Yokogawa-CA71, Tempens	23000079 & TIN5010	TMS/23/56-01	03-Apr-24

Note:

- The Calibration Certificate relates only to the above DUC.
- Calibration Certificate Shall not be reproduced except in full, without written approval of the Flowcal
- The usage of NABL symbol is as per NABL guid
- Standard maintained are traceable to National / International Standard through accredited laboratories.

Results:

Sl. No.	Range/LC	DUC Reading in °C	STD Reading in °C	Error Claimed ± in °C	Error Observed in °C	Measurement Uncertainty ± in °C
1	2 °C to 8°C	5.3	5.8	1.0	-0.5	0.80

Conclusion Remarks:-

- Measurement Uncertainty reported is at 95.45 % confidence level $K=2$
.....End of Calibration Certificate.....

Calibrated By




Hemanth

(Calibration Engineer)



Authorised Signatory


Vinay Kumar.M
(Quality Manager)

CALIBRATION CERTIFICATE

FCL/FM/CL/06

Name of the Customer : M/s. M/s Community Health Centre., Address Near Police Station, Mudgal Road, Tavaragera, Kusthagi Tq, Koppal-583279.	Page No. 1 of 1
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Customer Reference:	
SRF No. : 2522	SRF Date : 22-09-2023
Certificate No. : FCL/23/2522-02	Calibrated On : 22-09-2023
ULR No. : CC310323000013123F	Recommended Cal. Due : 21-09-2024

Details of device under calibration (DUC):	
Description : ILR Refrigerator	Cal. Procedure : FCL-SOP-THE-01
Make : ILR Micro Technik	DUC received on : 22-09-2023
Model / Type : —	Status on receipt : Satisfactory
SI No. : 220400027MR00057	Loc. : ICTC Lab
ID No. : ICTC/CHC/TAVG/EQUIP-03	Certificate issue date : 24-09-2023

Environmental Conditions:	
Temperature : 25 ± 4 °C	Humidity : 30% RH to 75% RH

Standards used for Calibration and Traceability Details:					
Sl. No.	Nomenclature	Make	Sl. No./ID No	Traceable to	Validity
1	4 Wire RTD Sensor With Handy Calibrator	Yokogawa-CA71, Tempsens	23000079 & TIN5010	TMS/23/56-01	03-Apr-24

Note:

- The Calibration Certificate relates only to the above DUC.
- Calibration Certificate Shall not be reproduced except in full, without written approval of the Flowcal
- The usage of NABL symbol is as per NABL guide
- Standard maintained are traceable to National / International Standard through accredited laboratories.

Results:						
Sl. No.	Range/LC	DUC Reading in °C	STD Reading in °C	Error Claimed ± in °C	Error Observed in °C	Measurement Uncertainty ± in °C
1	2 °C to 8°C	5.1	5.5	1.0	-0.4	0.80

Conclusion Remarks:-

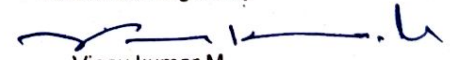
- Measurement Uncertainty reported is at 95.45 % confidence level K=2
.....End of Calibration Certificate.....

Calibrated By

Hemanth
(Calibration Engineer)



Authorised Signatory


Vinay kumar.M
(Quality Manager)

CALIBRATION CERTIFICATE

FCL/FM/CL/06

Page No.

1 of 1

Name of the Customer : M/s. **M/s Community Health Centre.,**
Address **Near Police Station, Mudgal Road, Tavaragera,**
Kusthagi Tq, Koppal-583279.

Customer Reference:

SRF No. : 2522	SRF Date : 22-09-2023
Certificate No. : FCL/23/2522-04	Calibrated On : 22-09-2023
ULR No. : CC310323000013125F	Recommended Cal. Due : 21-09-2024

Details of device under calibration (DUC):

Description : Thermometer	Cal. Procedure : FCL-SOP-THE-01
Make : Multi	DUC received on : 22-09-2023
Model / Type : ST-9283B	Status on receipt : Satisfactory
SI No. : NA	Loc. : ICTC Lab
ID No. : ICTC/CHC/TAVG/EQUIP-04	Certificate issue date : 24-09-2023

Environmental Conditions:

Temperature : 25 ± 4 °C	Humidity : 30% RH to 75% RH
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Standards used for Calibration and Traceability Details:

Sl. No.	Nomenclature	Make	Sl. No./ID No	Traceable to	Validity
1	4 Wire RTD Sensor With Handy Calibrator	Yokogawa-CA71, Tempens	23000079 & TIN5010	TMS/23/56-01	03-Apr-24

Note:

- The Calibration Certificate relates only to the above DUC.
- Calibration Certificate Shall not be reproduced except in full, without written approval of the Flowcal
- The usage of NABL symbol is as per NABL guide
- Standard maintained are traceable to National / International Standard through accredited laboratories.

Results:

Sl. No.	Range/LC	DUC Reading in °C	STD Reading in °C	Error Claimed ± in °C	Error Observed in °C	Measurement Uncertainty ± in °C
1	-50 °C to 300°C/1°C	-30	-30.3	1.0	0.3	0.80
2		-10	-10.3		0.3	0.80
3		0	0.2		-0.2	0.80
4		100	100.4		-0.4	0.80
5		200	200.3		-0.3	0.80
6		300	300.6		-0.6	0.80

Conclusion Remarks:-

- Measurement Uncertainty reported is at 95.45 % confidence level K=2
.....End of Calibration Certificate.....

Calibrated By



Hemanth

(Calibration Engineer)



Authorised Signatory


Vinay kumar.M
(Quality Manager)

CALIBRATION CERTIFICATE

Customer Name & Address : M/s Community Health Centre.,
Near Police Station, Mudgal Road, Tavaragera,
Kusthagi Tq, Koppal-583279.

ULR-CC310323000013122F

Customer Reference :

SRF No: 2522

Date :

22-09-2023

Calibration Certificate Number	Calibrated On	Customer Recom Due Date	Page No.
FCL/23/2522-01	22-09-2023	21-09-2024	1 of 1

Details of device under calibration(DUC)

DUC: Centrifuge	ID No: ICTC/CHC/TAVG/EQUIP-01
Make/Model: UV TECH	DUC condition on Receipt: Good
Range(LC): 0 to 5000 RPM/0.1 RPM	Cal At: ICTC Lab
Sl.No: NA	Date of Receipt: 22-09-2023

Cal Procedure No: FCL-SOP-MECH-02

Environmental conditions Temperature: 20.4 °C Relative Humidity: 42 %RH

Standards used:

Sl.No	Nomenclature	Make & Model	Sl.No	Traceability	Validity
1	Tachometer	Lutron	Q652919	TMS/23/132-07	20.08.2024

Observation: Non Contact Mode :

Sl No.	Standard Reading	UUC Set	Deviation Observed	Expanded Uncertainty Ue
	in RPM	in RPM	in RPM	in ± RPM%
1	2031.0	1	-----	2.5
2	2560.0	2	-----	2.5
3	4610.0	3	-----	2.5
4	4830.0	4	-----	2.5
5	4950.0	5	-----	2.5


standard followed -SANAS TR 45-01

The above UUC was calibrated using comparison method


The reported expanded uncertainty is calculated at Confidence level =95.45%. Coverage factor k = 2

Calibrated by

Authorized by


Hemanth
(Calibration engineer)




Vinay kumar.M
(Quality Manager)