

CALIBRATION CERTIFICATE

FCL/FM/CL/06

Name of the Customer : M/s.	M/s ICTC District Hospital.,	Page No. 1 of 1
Address	Room Number 32, Anantapur Road, Ballari.	

Customer Reference:

SRF No.	:2517	SRF Date	:22-09-2023
Certificate No.	:FCL/23/2517-01	Calibrated On	:22-09-2023
ULR No.	:CC310323000013109F	Recommended Cal. Due	:21-09-2024

Details of device under calibration (DUC):

Description	:ILR Refrigerator	Cal. Procedure	: FCL-SOP-THE-01
Make	:Microtechnic	DUC received on	:22-09-2023
Model / Type	:JRS-5L	Status on receipt	:Satisfactory
SI No.	: NA	Loc.	:ICTC Lab
ID No.	:ICTC/DH/BLY/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, 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	2 °C to 8°C	5.6	5.9	1.0	-0.3	0.80

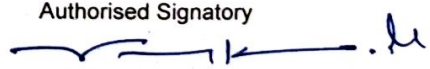
Conclusion Remarks:-

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

Calibrated By

 Rajashekar
 (Calibration Engineer)



Authorised Signatory


 Vinay Kumar.M
 (Quality Manager)



CALIBRATION CERTIFICATE

Name of the Customer : M/s.	M/s ICTC District Hospital.,	FCL/FM/CL/06
Address	Room Number 32, Anantapur Road, Ballari.	Page No. 1 of 1

Customer Reference:

SRF No. :2517	SRF Date :22-09-2023
Certificate No. :FCL/23/2517-02	Calibrated On :22-09-2023
ULR No. :CC310323000013110F	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 : —	Status on receipt :Satisfactory
SI No. :GDC 180 P	Loc. :ICTC Lab
ID No. :ICTC/DH/BLY/EQUIP-02	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 guid
- Standard maintained are traceable to National / International Standard through accredited laboratories.

Results:

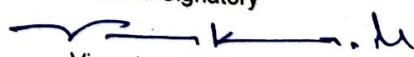
Sl. No.	Range/LC	DUC Reading in °C	STD Reading in °C	Error Claimed ± in °C	Error Observed in °C	Measurement Uncertainty ± in °C
1	2 °C to 8°C	4.1	4.5	1.0	-0.4	0.80

Conclusion Remarks:-

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

Calibrated By

 Rajashekar
 (Calibration Engineer)



Authorised Signatory

 Vinay kumar.M
 (Quality Manager)



CALIBRATION CERTIFICATE

Customer Name & Address : M/s ICTC District Hospital,
Room Number 32, Anantapur Road,
Ballari.

ULR-CC310323000013111F

Customer Reference : **SRF No:** 2517 **Date :** 22-09-2023

Calibration Certificate Number	Calibrated On	Customer Recom Due Date	Page No.
FCL/23/2517-03	22-09-2023	21-09-2024	1 of 1

Details of device under calibration(DUC)

DUC: Centrifuge	ID No: ICTC/DH/BLY/EQUIP-01
Make/Model: Remi	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	0.0	1	-----	2.5
2	0.0	2	-----	2.5
3	3280.6	3	-----	2.5
4	3274.8	4	-----	2.5
5	3181.3	5	-----	2.5

standard followed -SANAS TR 45-01

The above UUC was calibrated using comparison method

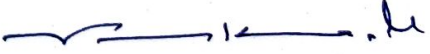
The reported expanded uncertainty is calculated at Confidence level =95.45%. Coverage factor k = 2

Calibrated by

Authorized by


Rajashekar
(Calibration engineer)




Vinay kumar.M
(Quality Manager)



Sarvashree

L-95, 5th Cross, 1st Main, Kirloskar Colony 3rd Stage,
Water Tank Road, Basaveshwaranagar, Bangalore-560079.

+91 080-2322 3936, 96633 04352

calibration@sarvashree.com

www.sarvashree.com



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

CALIBRATION CERTIFICATE

SS/ FF-20/ v1

Page No. 1 of 2

1 Name and Full Address of Customer : M/s. ICTC District Hospital.,
Room number 32, Anantapur Road,
Ballari.

2 Customer Reference

2.1 SRF No : A4270
2.2 Certification No. : SS/23/A4270-01
2.3 Date of Calibration : 23 September 2023
2.4 Next Calibration Due : 22 September 2024

Date of Receipt : 23 September 2023
ULR No. : CC229123000016156F
Date of Issue : 27 September 2023

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Micro Pipette
3.2 Make : Vertex
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/DH/BLY/EQUSP-05
Range : 20-200 µl
LC : 1 µl
Location : --

4 Environmental Condition

Temperature 21.2 °C

Humidity 49 %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

Abhilash

Abhilash

(Calibration Engineer)



Authorised By

Noushad N

Noushad N

(Lab In-charge)



Sarvashree

MEASUREMENT REPORT

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



CC-2291

CAL CERT. NO. SS/23/A4270-01

ULR No. : CC229123000016156F

Page No: 2 of 2

Range : 20-200 μ l

LC : 1 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	20	0.02008	20.141	20.031	0.16	0.40
2		0.01993	19.990			
3		0.02008	20.141			
4		0.01992	19.980			
5		0.01998	20.041			
6		0.01999	20.051			
7		0.01987	19.930			
8		0.01985	19.910			
9		0.02002	20.081			
10		0.01999	20.051			
11	100	0.10002	100.323	100.308	0.31	0.06
12		0.10006	100.363			
13		0.09994	100.243			
14		0.09998	100.283			
15		0.10006	100.363			
16		0.10002	100.323			
17		0.09992	100.223			
18		0.09999	100.293			
19		0.09996	100.263			
20		0.10010	100.403			
21	200	0.20008	200.686	200.610	0.30	0.04
22		0.19994	200.546			
23		0.19993	200.536			
24		0.19999	200.596			
25		0.20011	200.716			
26		0.20008	200.686			
27		0.19989	200.495			
28		0.19995	200.556			
29		0.20004	200.646			
30		0.20003	200.636			

Measurement Uncertainty : \pm 0.58 μ l

Conclusion / Remarks:

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

Calibrated By

Abhilash

Abhilash

(Calibration Engineer)



Authorised By

Naushad N

Naushad N

(Lab In-charge)

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



Sarvashree

L-95, 5th Cross, 1st Main, Kirloskar Colony 3rd Stage,
Water Tank Road, Basaveshwaranagar, Bangalore-560079.

+91 080-2322 3936, 96633 04352

calibration@sarvashree.com

www.sarvashree.com



CC-2291

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

CALIBRATION CERTIFICATE

SS/ FF-20/ v1

Page No. 1 of 2

1 Name and Full Address of Customer : M/s. ICTC District Hospital.,
Room number 32, Anantapur Road,
Ballari.

2 Customer Reference

2.1 SRF No : **A4270** Date of Receipt : 23 September 2023
2.2 Certification No. : **SS/23/A4270-02** ULR No. : CC229123000016157F
2.3 Date of Calibration : **23 September 2023** Date of Issue : 27 September 2023
2.4 Next Calibration Due : **22 September 2024**

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Micro Pipette Model : --
3.2 Make : DRAGON LAB ID. No. : ICTC/DH/BLY/EQUSP-05
3.3 SI.No : - Range : 100-1000 µl
3.4 No. of Pages : 2 LC: 5 µl
3.5 Calibration Procedure No : SOP-M&V-04 Location : --
3.6 DUC Condition : Satisfactory
3.7 Calibration done at : Mech Lab, Sarvashree
3.8 Discipline - Group : Mechanical - Volume

4 Environmental Condition

Temperature 21.1 °C Humidity 45 %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	TVCSP 23/03/482-02	14-Mar-24

6 Note:

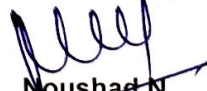
6.1. Kindly refer to Note(s) Section mentioned as below.

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.



Sarvashree

MEASUREMENT REPORT

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



CC-2291

CAL CERT. NO. SS/23/A4270-02 ULR No : CC229123000016157F

Page No: 2 of 2

Range : 100-1000 µl

LC : 5 µl

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error, in ± in %
1	100	0.09991	100.207	100.372	0.37	1.38
2		0.09998	100.278			
3		0.10015	100.448			
4		0.10019	100.488			
5		0.10014	100.438			
6		0.09974	100.037			
7		0.10003	100.328			
8		0.10014	100.438			
9		0.10022	100.518			
10		0.10440	104.711			
11	500	0.50014	501.628	501.602	0.32	0.07
12		0.50045	501.939			
13		0.50052	502.009			
14		0.50002	501.508			
15		0.49944	500.926			
16		0.50052	502.009			
17		0.50014	501.628			
18		0.49989	501.378			
19		0.49985	501.338			
20		0.49996	501.448			
21	1000	1.00014	1003.116	1003.016	0.30	0.01
22		1.00022	1003.197			
23		0.99999	1002.966			
24		0.99989	1002.866			
25		1.00022	1003.197			
26		0.99999	1002.966			
27		1.00022	1003.197			
28		0.99999	1002.966			
29		0.99989	1002.866			
30		0.99985	1002.825			

Measurement Uncertainty : ±

0.58 µl

Conclusion / Remarks:

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

Calibrated By

Abhishek

(Calibration Engineer)



Authorised By

Neushad N

(Lab In-charge)

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