

FLUW



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

#71, Koorgalli Industrial Area, Mysuru-570 018. Mob: 98865 02708, Email: vinay1flowcal@gmail.com, www.flowcal.in

FCL/FM/CL/06

				, 02,
les.	CERTI	FICATE OF CALIBRAT	ION	
				1
23-02-2024	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME		ULR No.	CC310324000000053F
24-02-2024			Next Cal Due	22-02-2025
N CD	Cal Procedure No.	FCL-SOP-MECH-02	Reference Std	SANAS-TR 45-01
	Page No.	01 of 01		
: MECHANICAL	- Acceleration and C		Status on Receipt	Satisfactory
ull Address:	- Acceleration and Speed		Cal Done At	Onsite
	F0017 23-02-2024 24-02-2024 01 01: MECHANICAL Full Address:	23-02-2024 Date of Cal. 24-02-2024 Cal Procedure No. 01 Page No. P: MECHANICAL - Acceleration and Speed	23-02-2024 Date of Cal. 23-02-2024 24-02-2024 Cal Procedure No. FCL-SOP-MECH-02 01 Page No. 01 of 01	23-02-2024 Date of Cal. 23-02-2024 Next Cal Due

M/s.

COMMUNITY HEALTH CENTRE.,

Karatagi, Gangavathi Tq,

Koppal Dist.

	DEVICE UNDER CALIBRATIO	N (DUC) DETAILS	
Nomenclature	Centrifuge		
Make	Remi	Model	R-8C
Serial. No		Range	5250 RPM
D No	ZJBN-05264	Resolution	- RPM
D NO	ICTC/CHC Karatagi/Equip/01	Accuracy	+0.05%

STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

Nomenclature	Nataon III		1/2	
	Make/Model	SI. No / ID No.	Traceable to	Validity
Digital Tachometer	Lutron & DT2236	Q652919	TMS/23/132-07	-
	20 10 - 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1100/20/102-07	20.08.2024

Environmental Condition:

Temperature: 20.4

Humidity:

%RH

alibration Results:

MODE :NON CONTACT

All Readings are in RPM

		ra readings are in rem		
SI.NO	DUC Readings	Standard readings	Observed Deviation	Computed Measurement Uncertainty (±) in %
1	1000	998.6	1.4	2.50
2	2000	1996.0	4	2.50
3	3000	2994	6	2.50
4	4000	3989	11	2.50
5	5250	5234	16	2.50

The Measurement Uncertainty is estimated at a confidence level of 95.45% with a coverage factor k=2.

Calibrated by

Calibration Engineer



Authorized by

Vinay Kumar **Quality Manager**

*****End of Calibration Certificate



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					rc	L/ FIVI/ CL/
SRF No.	F0017	CE	RTIFICATE OF CALIB	RATION		
Date of SRF	00.00.000	Certificate No.	FCL/24/F0017-02	ULR No.	CC31032400000054F	
ssue Date	24 22 22	Date of Cal.	23-02-2024	Next Cal Due	22-02-2025	
No of Pages	01		FCL-SOP-THE-01	Reference Std.	DKD-R 5-1	
	OUP : Thermal-Te	Page No.	01 of 01	Status on Receipt	Satisfactory	
customer Name	& Full Address:	mperature		Cal Done At	Onsite	

M/s. COMMUNITY HEALTH CENTRE.,

Karatagi, Gangavathi Tq,

Koppal Dist.

Nomenclature	Dicital Ti	iLO_	
	Digital Thermometer	Model / Type	TPM-10
Make		Range	-50 to 80 °C
Serial. No	NA	Resolution	0.1 °C
ID No	ICTC/CHC Karatagi/Equip/02	Accuracy	NA NA

<u>S1</u>	ANDARDS USED FO	R CALIBRATION AND TRAC	CEABILITY DETAILS	
Nomenclature	. Make/Model	SI. No / ID No.	Traceable to	Validity
4 Wire RTD Sensor With Handy Calibrator	Tempsens & Yokogawa / PT - 100X1, Simplex & CA71	23000079 & T1N5010	TMS/23/56-01	03-04-2024

Temperature Bath Calibrator used as Source

Environmental Condition:

Calibration Results:

Temperature: 25.4

Humidity:

%RH 52

All Readings are in °C

SI No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)
1	0	0.1	0.2	0.1	0.8
2	2	2.1	2.2	0.1	0.8
3	4	4.2	4.4	0.2	0.8
4	6	6.3	6.6	0.3	0.8
5	8	8.2	8.4	0.2	0.8

- 1. The Measurement Uncertainty is estimated at a confidence level of 95.45% with a coverage factor k=2. 2. This Calibration Certificate refers only to the Particular item submitted for calibration. Calibration points given as per customer request.
- 3.NABL Accerdited Calibration Lab as per ISO/IEC 17025:2017 with vide Certificate No:CC-3103 4. The Usage of NABL symbol is as per NABL guidelines given in NABL 133. The Calibration Certificate relates only to the above DUC.

5. Calibration Certificate Shall not be reproduced except in full, without written approval of the Flowcal. 6. Standard maintained are traceable to National / International Standard through accredited laboratories.

Calibrated by

*****End of Calibration Certificate

Authorized by

Vinay Kumar (Quality Manager)

(Calibration Engineer)



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FCL/FM/CL/06

		CI	ERTIFICATE OF CALI	BRATION	CC31032400000055F
SRF No.	F0017	Certificate No.	FCL/24/F0017-03	ULR No.	22-02-2025
Date of SRF	23-02-2024	Date of Cal.	23-02-2024	Next Cal Due	DKD-R 5-1
ssue Date	24-02-2024	Cal Procedure No.	FCL-SOP-THE-01	Reference Stu.	- " (-ston)
No of Pages	01	Page No.	01 of 01	Status on Receipt	
	OUP : Thermal-T	emperature		Cal Done At	Onsite

Customer Name & Full Address:

M/s. COMMUNITY HEALTH CENTRE.,

Karatagi,Gangavathi Tq,

Koppal Dist.

Koppe	il Dist.		,
	DUC DETA	AILS_	TPM-10
Nomenclature	Digital Thermometer	Model / Type	
Make		Range	-50 to 80 °C
Serial. No	NA	Resolution	0.1 °C
ID No	ICTC/CHC Karatagi/Equip/03	Accuracy	NA
ID NO	To to to the than atagin Equip.		

STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

<u>51</u>	ANDARDS USED FOI	R CALIBRATION AND TRAC		Validity
Nomenclature	Make/Model	SI. No / ID No.	Traceable to	Valley
4 Wire RTD Sensor With Handy Calibrator	Tempsens & Yokogawa / PT - 100X1, Simplex & CA71	23000079 & T1N5010	TMS/23/56-01	03-04-2024

Temperature Bath Calibrator used as Source

Environmental Condition:

Temperature: 25.4

Humidity:

%RH 52

All Readings are in °C

alibration	Results:	× 1			All Readings are in
SI-No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)
		0.1	0.2	0.1	0.8
1	2	2.2	2.4	0.2	8.0
2	4	4.2	4.5	0.3	0.8
3	4	6.3	6.5	0.2	0.8
4	6		8.6	0.3	0.8
5	8	8.3	0.0	0.0	

Remarks:

- 1. The Measurement Uncertainty is estimated at a confidence level of 95.45% with a coverage factor k=2.
- 2. This Calibration Certificate refers only to the Particular item submitted for calibration. Calibration points given as per customer request.
- 3.NABL Accerdited Calibration Lab as per ISO/IEC 17025:2017 with vide Certificate No:CC-3103
- 4. The Usage of NABL symbol is as per NABL guidelines given in NABL 133. The Calibration Certificate relates only to the above DUC.
- 5. Calibration Certificate Shall not be reproduced except in full, without written approval of the Flowcal.

6. Standard maintained are traceable to National / International Standard through accredited laboratories.

Calibrated by

(Calibration Engineer)

**End of Calibration Certific

Authorized by

Vinay Kumar

(Quality Manager)