

FLOW CA



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

/06

							FCL/FM/	
		CERTIF	ICATE OF CA	LIBRATION				
SRF No.	F0032	Certificate No.	FCL/24/F0032	-01	ULR No.	CC3103240000	00126F	
Date of SRF	12-03-2024	Date of Cal.	12-03-2024		Next Cal Due	11-03-2025		
Issue Date	14-03-2024	Cal Procedure No.	FCL-SOP-ME	CH-02	Reference Std.	SANAS-TR 45-	01	
No of Pages	01	Page No.	01 of 01	1	Status on Receipt	Satisfactory		
ISCIPLINE-GROU	JP: MECHANICAL -	Acceleration and Speed	acceleration and Speed		Cal Done At	Onsite		
ustomer Name &	Full Address:							
M/s.	Community He	alth Centre,						
	Kudrimothi Road	d,Kuknoor Tq,Mangalore	Post,					
	Koppal Dist-583	230.						
		DEVICE UNDE	R CALIBRAT	ON (DUC) D	ETAILS			
Nomenclature		Centrifuge			Model		-	
Make					Range Up to 3500		RPM	
Serial. No		-			Resolution -		RPM	
ID No		CHC/MGL/Equip/01			Accuracy			
	STAN	DARDS USED FOR C	ALIBRATION	AND TRACE	EABILITY DETAILS	S		
Nom	Nomenclature Make/Model SI. No / ID No.		ID No.	Traceable to V		Validity		
Digital	Tachometer	Lutron & DT2236	Q652	Q652919 TMS/23/		32-07	20.08.202	
Environmental Co	ondition :	Te	mperature: 2	20.4 °C	Humidity:	42 %RH		
MODE : NON COM	TACT					72 /01/11		
Calibration Resu	ts:				. 49	All Rea	dings are in R	
SI.NO	DUC Set	Standard rea	eadings Obser				Measurement	
1	1	1422					2.50	
2	2	1631	1631		2.50			
	3	2146					2.50	
3		2369				2.50		
3 4	4	2309				1 2	2.50	

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

Calibration Engineer



*****End of Calibration Certifical

Authorized by

Vinay Kumar Quality Manager





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		CE	RTIFICATE OF CALIE	BRATION		
SRF No.	F0032		FCL/24/F0032-02		CC24020402000	
Date of SRF	12-03-2024	Date of Cal.	12-03-2024		CC310324000000127F	
Issue Date				Next Cal Due	11-03-2025	
	14-03-2024	Cal Procedure No.	FCL-SOP-THE-01	Reference Std.	DKD-R 5-1	
No of Pages 0	01	Page No.	01 =101	DKD-R 5-1		
rage No.				Status on Receipt	Satisfactory	
DISCIPLINE-GROUP : Thermal-Temperature			Cal Done At	Onsite		
Customer Nam	e & Full Address				Offsite	

M/s. Community Health Centre,

Kudrimothi Road, Kuknoor Tq, Mangalore Post,

Koppal Dist-583230.

	DUC I	DETAILS	
Nomenclature	Thermometer	Model / Type	
Make	NA		NA
Serial. No	NA	Range	-30 to 50 °C
ID No	CHC/MGL/Equip/02	Resolution	1 °C
	CTIC/MGD/Equip/02	Accuracy	NA

STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS Nomenclature Make/Model SI. No / ID No. Traceable to

	Tempsens &		· · · · · · · · · · · · · · · · · · ·	Validity
4 Wire RTD Sensor With Handy Calibrator	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:

52 %RH

1/- 1- 1-4

	1		All Readings		
Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)	
-30	-30.2	-30	0.0		
-10			0.2	0.8	
	-10.2	-10	0.2	0.8	
0	0.1	0.0	0.1		
10	10.2			0.8	
20		10.0	-0.2	0.8	
20	20.3	20.0	-0.3		
30	30.4	30.0		0.8	
50			-0.4	0.8	
	50.3	50.0	-0.3	0.8	
	-30 -10 0 10 20	-30 -30.2 -10 -10.2 0 0.1 10 10.2 20 20.3 30 30.4	-30 -30.2 -30 -10 -10.2 -10 0 0.1 0.0 10 10.2 10.0 20 20.3 20.0 30 30.4 30.0	-30	

- 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

Sanju

(Calibration Engineer)

*****End of Calibration Certificate

Authorized by

210 Vinay Kumar

(Quality Manager)



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			THE OF CALIFORN	TION		
			RTIFICATE OF CALIBRA		CC31032400000	0128F
SRF No.	F0032	Certificate No.	FCL/24/F0032-03	ULR No.		701201
Date of SR	F 12-03-2024	Date of Cal.	12-03-2024	Next Cal Due	11-03-2025	
Issue Date		Cal Procedure No.	FCL-SOP-THE-01	Reference Std.	DKD-R 5-1	
No of Page		Page No.	01 of 01	Status on Receipt	Satisfactory	
	E-GROUP : Thermal-Ten	nperature		Cal Done At	Onsite	
	Name & Full Address:	,				
Obstonie: 1	M/s. Community Hea	Ith Centre.				
		Kuknoor Tq,Mangalore	Post,			
	Koppal Dist-5832					
	rioppe. Diet des		DUC DETAILS			
Namanalat	2152	Refrigerator		Model / Type NA		
		Godrej		Range 2 to 8 °C		°C
THE COLUMN TO TH		NA	10.79.27	Resolution	- °C	
Serial, No		CHC/MGL/Equip/03		Accuracy NA		NA
ID No			D CALIDDATION AND T		All S	
	ST	ANDARDS USED FC	R CALIBRATION AND T		-	
1	Nomenclature	Make/Model	SI. No / ID No.	Traceable to Validi		Validity
4 Wire RTD Sensor With Handy Calibrator		Tempsens & Yokogawa / PT - 100X1, Simplex & CA71	23000079 & T1N5010	TMS/23/56-01		03-04-2024
Temperatur	re Bath Calibrator used as	s Source			7	
Environme	ental Condition :		Temperature: 25.4 °C	Humidity:	52 %RH	
Calibration	Results:				A	l Readings are in °
SI No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)	
1	5	5.4	5.0	-0.4		0.8

Remarks:

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Calibrated by

(Calibration Engineer)

*****End of Calibration Certi

Authorized by

Vinay Kumar

(Quality Manager)