



FLOW CAL

TRUSTED AND RELIABLE CALIBRATION



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

CERTIFICATE OF CALIBRATION

SRF No.	F0032	Certificate No.	FCL/24/F0032-01	ULR No.	CC310324000000126F
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-MECH-02	Reference Std.	SANAS-TR 45-01
No of Pages	01	Page No.	01 of 01	Status on Receipt	Satisfactory
DISCIPLINE-GROUP : MECHANICAL - Acceleration and Speed				Cal Done At	Onsite

Customer Name & Full Address:

M/s. Community Health Centre,
Kudrimothi Road, Kuknoor Tq, Mangalore Post,
Koppal Dist-583230.

DEVICE UNDER CALIBRATION (DUC) DETAILS

Nomenclature	Centrifuge	Model	-
Make	--	Range	Up to 3500 RPM
Serial. No	--	Resolution	- RPM
ID No	CHC/MGL/Equip/01	Accuracy	± 0.05%

STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

Nomenclature	Make/Model	SI. No / ID No.	Traceable to	Validity
Digital Tachometer	Lutron & DT2236	Q652919	TMS/23/132-07	20.08.2024

Environmental Condition : Temperature : 20.4 °C Humidity: 42 %RH

MODE :NON CONTACT

Calibration Results:

All Readings are in RPM

Sl.NO	DUC Set	Standard readings	Observed Deviation	Computed Measurement Uncertainty (±) in %
1	1	1422	----	2.50
2	2	1631	----	2.50
3	3	2146	----	2.50
4	4	2369	----	2.50
5	5	2610	----	2.50

Remarks :

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

Calibrated by


Sanju
Calibration Engineer



Authorized by


Vinay Kumar
Quality Manager

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



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CC-3103

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CERTIFICATE OF CALIBRATION

SRF No.	F0032	Certificate No.	FCL/24/F0032-02	ULR No.	CC310324000000127F
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-THE-01	Reference Std.	DKD-R 5-1
No of Pages	01	Page No.	01 of 01	Status on Receipt	Satisfactory
DISCIPLINE-GROUP : Thermal-Temperature				Cal Done At	Onsite

Customer Name & Full Address:

M/s. Community Health Centre,
Kudrimothi Road, Kuknoor Tq, Mangalore Post,
Koppal Dist-583230.

DUC DETAILS

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

STANDARDS USED FOR CALIBRATION AND TRACEABILITY 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 :

Temperature : 25.4 °C

Humidity: 52 %RH

Calibration Results:

All Readings are in °C

SI No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)
1	-30	-30.2	-30	0.2	0.8
2	-10	-10.2	-10	0.2	0.8
3	0	0.1	0.0	-0.1	0.8
4	10	10.2	10.0	-0.2	0.8
5	20	20.3	20.0	-0.3	0.8
6	30	30.4	30.0	-0.4	0.8
7	50	50.3	50.0	-0.3	0.8

Remarks :

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

Calibrated by

Sanju

(Calibration Engineer)



Authorized by

Vinay Kumar

(Quality Manager)

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



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CERTIFICATE OF CALIBRATION

SRF No.	F0032	Certificate No.	FCL/24/F0032-03	ULR No.	CC310324000000128F
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-THE-01	Reference Std.	DKD-R 5-1
No of Pages	01	Page No.	01 of 01	Status on Receipt	Satisfactory
DISCIPLINE-GROUP : Thermal-Temperature				Cal Done At	Onsite

Customer Name & Full Address:

M/s. Community Health Centre,
Kudrimothi Road, Kuknoor Tq, Mangalore Post,
Koppal Dist-583230.

DUC DETAILS

Nomenclature	Refrigerator	Model / Type	NA
Make	Godrej	Range	2 to 8 °C
Serial. No	NA	Resolution	- °C
ID No	CHC/MGL/Equip/03	Accuracy	NA

STANDARDS USED FOR CALIBRATION AND TRACEABILITY 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 : Temperature : 25.4 °C Humidity: 52 %RH
Calibration Results: All Readings are in °C

SI No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)
1	5	5.4	5.0	-0.4	0.8

Remarks :

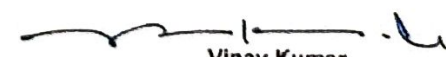
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