FLOW CAL

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TRUSTED AND RELIABLE CALIBRATION

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

CC-3103

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

CERTIFICATE OF CALIBRATION

SRF No.	F0033	**Certificate No.**	FCL/24/F0033-01	**ULR No.**	CC310324000000129F
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. ICTC.,
Community Health Centre,
Hiresindogi,Koppal Dist-583230.

DUC DETAILS

Nomenclature	Thermometer	**Model / Type**	ST-9283B
Make	Multi-Thermometer	**Range**	-50 to 300 °C
Serial. No	NA	**Resolution**	0.1 °C
ID No	ICTC/CHC Horesindogi/Equip/01	**Accuracy**	NA

STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

Nomenclature	Make/Model	Sl. 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**

Sl No	Set Temp	STD Readings	DUC Readings	Observed Deviation	Computed Measurement Uncertainty (±)
1	-30	-30.2	-30.5	-0.3	0.8
2	-10	-10.2	-10.4	-0.2	0.8
3	0	0.1	0.2	0.1	0.8
4	50	50.2	50.5	0.3	0.8
5	100	100.3	100.7	0.4	0.8
6	200	200.4	200.9	0.5	0.8
7	300	300.3	300.7	0.4	0.8

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

Sanju

(Calibration Engineer)

FLOW CAL MYSORE

Authorized by

Vinay Kumar

(Quality Manager)

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

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CC-3103

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FCL/FM/CL/06

CERTIFICATE OF CALIBRATION

SRF No.	F0033	Certificate No.	FCL/24/F0033-02	ULR No.	CC310324000000130F
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. ICTC.,
Community Health Centre,
Hiresindogi,Koppal Dist-583230.

DEVICE UNDER CALIBRATION (DUC) DETAILS

Nomenclature	Centrifuge	Model	–
Make	--	Range	Up to 3500 RPM
Serial. No	--	Resolution	- RPM
ID No	ICTC/CHC Hiresindogi/Equip/02	Accuracy	± 0.05%

STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

Nomenclature	Make/Model	Sl. 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	1361	----	2.50
2	2	1794	----	2.50
3	3	2236	----	2.50
4	4	2578	----	2.50
5	5	2791	----	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

FLOW CAL MYSORE-18

Authorized by

Vinay Kumar
Quality Manager

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