



### CERTIFICATE OF CALIBRATION

SRF No.	F0017	Certificate No.	FCL/24/F0017-01	ULR No.	CC310324000000053F
Date of SRF	23-02-2024	Date of Cal.	23-02-2024	Next Cal Due	22-02-2025
Issue Date	24-02-2024	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.,  
 Karatagi, Gangavathi Tq,  
 Koppal Dist.

### DEVICE UNDER CALIBRATION (DUC) DETAILS

Nomenclature	Centrifuge	Model	R-8C
Make	Remi	Range	5250 RPM
Serial. No	ZJBN-05264	Resolution	- RPM
ID No	ICTC/CHC Karatagi/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

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

**Remarks :** 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\*\*\*\*\*

FLOW CAL

# 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

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Issue Date	24-02-2024	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.,  
Karatagi, Gangavathi Tq,  
Koppal Dist.

### DUC DETAILS

Nomenclature	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

### STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

Nomenclature	Make/Model	Sl. No / ID No.	Traceable to	Validity
4 Wire RTD Sensor With Handy Calibrator	Tempens & 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	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

**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 Accredited 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

Vinay Kumar  
(Quality Manager)

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FCL/FM/CL/06

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