

## CALIBRATION CERTIFICATE

**Customer Name & Address :** M/s ICTC  
 COMMUNITY HEALTH CARE CENTRE, HALLIKHED (B)  
 HUMNABAD TQ BIDAR DISTRICT - 585414

ULR:CC31032400000034F

**Customer Reference :** SRF No: F0008 **Date :** 03-02-2024

Calibration Certificate Number	Calibrated On	Customer Recom Due Date	Page No.
FCL/24/F0008-01	03-02-2024	02-02-2025	1 of 1

**Details of device under calibration(DUC)**

DUC:	Centrifuge	ID No:	ICTC/HALLIKHED/CENTRIFUGE
Make/Model:	REMI	DUC condition on Recei	Good
Range(LC):	0 to 3200 RPM	Cal At:	ICTC LAB
Sl.No:	NA	Date of Receipt	03-02-2024
Cal Procedure No	FCL-SOP-MECH-02	Certificate issue date	05-02-2024

**Environmental conditions** Temperature: 20.4 °C Relative Humidity: 42 %RH

**Standards used:**

Sl.No	Nomenclature	Make & Model	Sl.No	Traceability	Validity
1	Tachometer	Lutron	Q652919	TMS/23/132-07	20.08.2024

**Observation:** Non Contact Mode :

Sl No.	Standard Reading	Mean DUC SET	Deviation Observed	Expanded Uncertainty Ue
	in RPM	in RPM	in RPM	in ± RPM%
1	1258.0	1	---	2.5
2	1841.0	2	---	2.5
3	2294.0	3	---	2.5
4	2586.0	4	---	2.5
5	3010.0	5	---	2.5

standard followed -SANAS TR 45-01

The above UUC was calibrated using comparison method

The reported expanded uncertainty is calculated at Confidence level =95.45%. Coverage factor k = 2

\*\*\*\*\*

Calibrated by



SANJU

(Calibration engineer)



Authorized by



Vinay kumar.M  
 (Quality Manager)





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

**CERTIFICATE OF CALIBRATION**

SRF No.	F0008	Certificate No.	FCL/24/F0008-02	ULR No.	CC310324000000035F
Date of SRF	03-02-2024	Date of Cal.	03-02-2024	Next Cal Due	02-02-2025
Issue Date	05-02-2024	Cal Procedure No.	FCL-SOP-THE-05	Status on Receipt	Satisfactory
No of Pages	01	Page No.	01 of 01	Cal Done At	Inhouse

**Customer Name & Full Address:**

M/s. ICTC.,  
COMMUNITY HEALTH CARE CENTRE, HALLIKHED (B)  
HUMNABAD TQ BIDAR DISTRICT - 585414

**DEVICE UNDER CALIBRATION (DUC) DETAILS**

Nomenclature	Temperature & Humidity Meter	Model	HTC-2
Make	HTC	Range	-50°C to 70°C & 10%RH to 99%RH
Serial. No.	NA	Resolution	0.1°C & 1%RH
ID No	ICTC/HALLIKHED/THERMOMETER	Accuracy	± 1 °C & ± 5% RH
Location	ICTC Lab		

**STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS**

Nomenclature	Make/Model	SI. No / ID No.	Traceable to	Validity
Humidity Temp Meter	Retronix/ HP23-A	61789382/20291725 TH-08	FCL-SB/23-05/03/01	04-05-2024

Environmental Condition : Temperature : 25.7 °C Humidity: 49 %RH

Calibration Results: Temperature Range : 38 °C ± 1 °C

SI.NO	DUC Readings in °C	Standard readings in °C	Observed Deviation in °C	Computed Measurement Uncertainty (±) in °C
1	10.4	10.2	0.2	0.8
2	20.6	20.3	0.3	0.8
3	30.7	30.3	0.4	0.8
4	40.9	40.4	0.5	0.8

Calibration Results: Humidity Range : 90 %RH ± 1 %RH

SI.NO	Standard readings in °C	STD Readings in %RH	DUC Readings in °C	DUC Readings in %RH	Observed Deviation in °C	Observed Deviation in %RH	Computed Measurement Uncertainty (±) in %RH
1	25.15	22.31	25.5	22	0.35	-0.31	0.9
2	25.16	60.37	25.6	60	0.44	-0.37	0.9
3	25.34	90.42	25.7	90	0.36	-0.42	0.9

**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

Rajashekar B  
Calibration Engineer



Authorized by

Vinay Kumar  
Quality Manager

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





# Sarovashree

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CC-2291

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 with vide Certificate No: CC-2291

## CALIBRATION CERTIFICATE

SS/ FF-20/ v1

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**1 Name and Full Address of Customer :** **M/s. ICTC**  
Community Health Care Centre  
Hallikhed (B) Tq, Humnabad District  
Bidar - 585414.

### 2 Customer Reference

2.1 SRF No : **A5839** Date of Receipt : 03 February 2024  
2.2 Certificate No. : **SS/24/A5839-01** ULR. No : CC22912400001345F  
2.3 Date of Calibration : **03 February 2024** Date of issue : 05 February 2024  
2.4 Next Calibration Due : **02 February 2025**

### 3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Stop Watch Model : --  
3.2 Make : Racer ID. No. : ICTC/Hallikhed/Timer  
3.3 Sl.No : -- Range : 0 to 99 min  
3.4 No.of Pages : 1 LC : 0.1 sec  
3.5 Calibration Procedure No. : SOP-ETH-28  
3.6 DUC Condition : Satisfactory  
3.7 Calibration done at : Onsite  
3.8 Discipline - Group : Electro - Technical

### 4 Environmental Condition

4.1 Temperature 25.1 °C Humidity 49 %RH

### 5 Standards Used for calibration

Sl. No.	Nomenclature	Make / Model	Sl. No	Traceable Cert. No.	Validity
1	Digital Stop Watch	CASIO/HS-80TW	J009Q03	CC2300752/1	06-Apr-24

### 6 Calibration Results :-

SL No.	DUC Reading in min	Standard Reading in H:min:sec:1/1000s	Observed Deviation H:min:sec:1/1000s	Measurement Uncertainty ±
1	10	0:10:00:036	0:00:00:036	0.3%
2	20	0:20:00:055	0:00:00:055	0.3%
3	30	0:30:00:075	0:00:00:075	0.3%
4	40	0:40:01:014	0:00:01:014	0.3%
5	60	0:60:02:075	0:00:02:075	0.3%

### 7 Note:

7.1. Kindly refer to Note(s) Section mention as below.

Calibrated By  
*Abhishek*  
Abhishek  
(Calibration Engineer)



Authorised By  
*Sarvesh Rao B*  
Sarvesh Rao B  
(Technical Manager)

\*\*\*\*\*End of Certificate\*\*\*\*\*

**NOTE:** 1. Measurement Uncertainty reported is at approx 95.45% confidence level with coverage factor k=2, 2. Publication or reproduction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of Sarovashree. 3. The Calibration Certificate relates only to the above DUC. DUC Indicates Device Under Calibration., 4. Corrections/Erasing invalidate the calibration certificate. 5. All Standards / Masters used for calibration are traceable to National / International Standards. 6. Any error in this cert should be brought to our knowledge within 45 days from the date of this certificate. 7. Results reported are valid at the time of and under stated conditions of measurements. 8. Conformity statement is given only when requested by the customer. 9. NABL-133 Guidelines are adopted for use of NABL Symbol.