Sarvashree
L-95, 5th Cross, 1st Main, Kirloskar Colony 3rd Stage,
Water Tank Road, Basaveshwaranagar, Bangalore-560079.
+91 080-2322 3936, 96633 04352
calibration@sarvashree.com
www.sarvashree.com

CC-2291

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

CALIBRATION CERTIFICATE

1 Name and Full Address of Customer: M/s. ICTC Lab.,
Room No 11, General Hospital, Bhalki Kort Road, Bhalki Tq,
Bhalki Dist, Bidar -585328.

2 Customer Reference

2.1 SRF No	: **A4788**	Date of Receipt :	08 November 2023
2.2 Certificate No.	: **SS/23/A4788-01**	ULR No :	CC229123000018623F
2.3 Date of Calibration	: **08 November 2023**	Date of issue :	10 November 2023
2.4 Next Calibration Due	: **07 November 2024**		

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature	: Digital Timer		
3.2 Make	: Racer	Model :	SW306
3.3 Sl.No	: --	ID. No. :	ICTC/Bhalki/Timer-01
3.4 No.of Pages	: 1	Range :	0 to 99 min
3.5 Calibration Procedure No.	: SOP-ETH-28	LC :	1 sec
3.6 DUC Condition	: Satisfactory		
3.7 Calibration done at	: ET Lab, Sarvashree		
3.8 Discipline	: Electro - Technical		

4 Environmental Condition

4.1 Temperature	22 °C	Humidity	55 %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	5	00:05:00:017	00:00:00:017	0.3%
2	10	00:10:00:021	00:00:00:021	0.3%
3	20	00:20:00:029	00:00:00:029	0.3%
4	30	00:30:00:041	00:00:00:041	0.3%
5	60	01:00:00:053	00:00:00:053	0.3%
6	90	01:30:00:051	00:00:00:051	0.3%

7 Note:

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

Calibrated By
Abhishek
Abhishek
(Calibration Engineer)

SARVASHREE BANGALORE-560079

Authorised By
Sanath K S
(Lab In-Charge)

*****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 Sarvashree. 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.

FLOW CAL
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

CALIBRATION CERTIFICATE

Customer Name & Address : M/S ICTC LAB Room No 11 General Hospital Bhalki
Kort Road Bhalki Talluk Bidar District
Pin code-585328

ULR:CC31032300000344F
Customer Reference : **SRF No:** 1032 **Date :27-10-2023**

Calibration Certificate Number	Calibrated On	Customer Recom Due Date	Page No.
FCL/23/1032-01	27-10-2023	26-10-2024	1 of 1

Details of device under calibration(DUC)

DUC:	Centrifuge	ID No:	:ICTC/Bhalki/GH/CNF-01
Make/Model:	Remi/R-8C	DUC condition on Recei	Good
Range(LC):	0-5000 rpm/10 rpm	Cal At:	General Lab
Sl.No:	:KLC-9601	Date of Receipt	27-10-2023
Cal Procedure No	FCL-SOP-MECH-02	Date of issue	:02/11/2023

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 UUC Reading	Deviation Observed	Expanded Uncertainty Ue
	in RPM	in RPM	in RPM	in ± RPM%
1	103.2	100.0	3.2	2.5
2	1006.3	1000.0	6.3	2.5
3	2005.4	2000.0	5.4	2.5
4	3009.7	3000.0	9.7	2.5
5	4007.5	4000.0	7.5	2.5
5	5008.2	5000.0	8.2	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

Rajashekar
(Calibration engineer)

FLOW CAL MYSORE-18

Authorized by

Vinay kumar.M
(Quality Manager)

FLOW CAL
TRUSTED AND RELIABLE CALIBATION
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

CALIBRATION CERTIFICATE

FCL/FM/CL/06

Name of the Customer : Address	M/S ICTC LAB Room No 11 General Hospital Bhalki Kort Road Bhalki Talluk Bidar District Pin code-585328	**Page No.** 1 of 1

Customer Referance:

SRF No.	:1032	SRF Date	:27-10-2023
Certificate No.	:FCL/23/1032-02	Calibrated On	:27-10-2023
ULR No.	:CC31032300000345F	Recommended Cal. Due	:26-10-2024

Details of device under calibration (DUC):

Description	:Digital Thermometer	Cal. Procedure	: FCL-SOP-THE-01
Make	:Aceteg	DUC received on	:27-10-2023
Model / Type	:DC-2	Status on receipt	:Satisfactory
Sl No.	: NA	Loc.	:General LAB
ID No.	:ICTC/Bhalki/GH/THM-01	Certificate Issue date	: 02-11-2023

Environmental Conditions:

Temperature	: 25 ± 4 °C	Humidity	: 30% RH to 75% RH

Standards used for Calibration and Traceability Details:

Sl. No.	Nomenclature	Make	Sl. No/ID No	Traceable to	Validity
1	4 Wire RTD Sensor With Handy Calibrator	Tempsens,Yokogawa-CA71	23000079 & TIN5010	TMS/23/56-01	03-Apr-24

Note:

1. The Calibration Certificate relates only to the above DUC.
2. Calibration Certificate Shall not be reproduced except in full, without written approval of the Flowcal
3. The usage of NABL symbol is as per NABL guidelines given in NABL 133.
4. Standard maintained are traceable to National / International Standard through accredited laboratories.

Results:

Sl. No.	Range/LC	DUC Reading in °C	STD Reading in °C	Error Claimed ± in °C	Error Observed in °C	Measurement Uncertainty ± in °C
1	-20°C to 30 °C /0.1°C	-20	-20.3	1.0	0.3	0.80
2		-10	-10.1		0.1	0.80
3		0	0.3		-0.3	0.80
4		10	10.4		-0.4	0.80
5		30	30.6		-0.6	0.80

Conclusion Remarks:-

1. Measurement Uncertainty reported is at 95.45 % confidence level K=2

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

Calibrated By

Rajashekar
(Calibration Engineer)

FLOW CAL MYSORE-18

Authorised Signatory

Vinay kumar.M
(Quality Manager)