



# ACCURATE TESTING & CALIBRATION SERVICES

(Solutions For All)

P. No. 111, K. No. 604, First Floor, Shyam Vihar, Part-II, Z-Block, Najafgarh, New Delhi-110043

E-mail : testingcalibrations@gmail.com | Web : www accuratetestingcalibrations.com

M.: 9560785835, 7404479115, 8929915491



CC-3376

P. No.: ATCS/OPM-32F REV.(01)26-02-2022

## CALIBRATION CERTIFICATE

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ULR No. : CC337623000000156F	Certificate No. : ATCS23000000156
CUSTOMER NAME & ADDRESS:-	Service Request No.&Date : 0074 & 17-02-2023
M/s. LifeWell Dignostics Private Limited	Date of Receipt : 17-02-2023
1st Floor, Above Sri Guru Ram Dass Preparatory	Date of Calibration : 18-02-2023
School Building, Sector- 19, Chandigarh - 160019	Sug. Cal. Due Date : 18-02-2024
	Issue Date : 20-02-2023

### ITEM'S DESCRIPTION & IDENTIFICATION

Instrument Name : Temperature Indicator with Sensor Fitted in Refrigerator	Range / Size : 2 to 8 °C
Make : Haier	Least Count : 1 °C
Model No. : CL752DP	Visual Inspection : Ok
Serial No. : BW05CNEFON008UB4B0091	Location : BioChemistry, LAB
Assets ID : HS/LAB/LEQ/REF/CDG/08-22/69	

ENVIRONMENTAL CONDITIONS	Calibration Procedure : ATCS/CP/TH-10 & 11
Temperature : (25 ± 3)°C	Reference Standard : ITS:1990
Relative Humidity : (60 ± 15)%	Calibration Performed at : Site

STANDARD EQUIPMENT USED			
Standard Instrument Name	Serial/Ident. No.	ULR/ Certificate No.	Valid upto
Dig. Thermometer With Sen. In Well RTD	ATCS/TH/DTM/001	TSC/22-23/8631 02	03-09-2023

CALIBRATION RESULT			
Corrected Standard Value (Master) ( °C)	Observed Value (UUC) ( °C)	(±) Error ( °C)	(±)Uncertainty ( °C)
2.023	2	-0.023	1.01
4.985	5	0.015	

### NOTE :

1. DUC = Device Under Calibration, UUC=Unit Under Calibration
2. Expanded uncertainty of measurement at approx 95% confidence level for coverage factor (k) = 2
3. Suggested next due date of calibration is given as requested by customer.
4. DUC has been calibrated against lab standards are traceable to national & international standards
5. This result of calibration refer to only to the particular item submitted for calibration
6. Certificate issued is only scientific or industrial purposes only.
7. The result produced in this certificate are valid under the stated conditions at the time of calibration.
8. No report should be reproduced, except in full, unless a written permission for the publication of an approved abstract has been obtained from the CEO, Accurate Testing & Calibration Services, New Delhi.

Issued & Authorised By

Suman  
Suman Kumar  
(Calibrated By)



Harshik  
Harshikesh Kumar  
( TM / QH )



*Handwritten signature*



# TransCal

Measurement to Perfection...



Main Bld. Premises : Centenary Building (G. Flr), Door No. At : 100  
W. Park Rd., Between Samplige Road And Margosa Rd.,  
10th Crs., Malleswaram, Bangalore City, Pin--560003

## CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Accurate Testing & Calibration Services**  
P No-111,K No-604 First Floor, Shyam Vihar, Part-II,Z-Block Nagaigarh, New Delhi-110043

Customer's Reference : SRF No. : TSC/22-23/8631 Dated : 03 Sep 2022  
ULR.NO CC223122000091188F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/22-23/8631-2	03 Sep 2022	03 Sep 2023	1 of 2

Details of device under calibration		Transcal ID	
Nomenclature	Digital Thermometer with 4 Wire RTD Sensor	No. of Pages	2
Make	SMK/Yuoran	Cal Procedure No.	TSC/CAL/501
Model/Range	Simplex/AI-5600	DUC Received	03 Sep 2022
SI No.	148/201550511	DUC Condition on Receipt	Satisfactory
ID No.	ATCS/TH/DTM/001	Cal At	Thermal Lab

Environmental Conditions : Temperature In °C : 25±4 Humidity in RH % : 30-75

### Standards used :

SI No.	Nomenclature	Make	Model	SI No./ID.No.	Certificate No.	Validity
1	SPRT Sensor with Readout	Fuke	5609/1524	01161 / 2024133	TL/022/186.1.1	08 Apr 2023

### Note :

- This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
- Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
- Errors if any in this Certificate shall be brought to notice within 45 days from the date of this Certificate
- Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
- Calibration of the DUC are traceable to National/International Standards
- Corrections/adjusting, invalidate the Calibration Certificate - exception to the 'Final Page or Part of this Report- provided for incorporation of additional data ( To be filled by customer authorized signatory and not under calibration laboratory control)
- In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' indicates measured readings are out of specification limit & '-' indicates no specification limit furnished.
- Unless otherwise specified the Measurement Data recorded is "As Found"-Without any adjustment
- Consider Model or Range whichever is applicable
- NABL-133 guidelines are adopted for use of NABL symbol.

Calibrated By

Kiran K.M.  
(Calibration Engineer)

Checked By

Navin Kumar S.R.  
(Sr. Calibration Engineer)

Authorised By

Vijaya Kumar V  
(Technical Director)



*Kuldeep*



CAL CERT. NO : TSC/22-23/8631-2

ULR.NO : CC223122000091168F

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Range: -200 to 850°C

Working Range : -200 to 850 °C

Resolution: 0.001°C

Accuracy:  $\pm 0.02\%$  Rdg + 0.060 °C

Results.

Measurement of Temperature Channels


Sl. No.	Std Reading (°C)	DUC Reading (°C)	Deviation Observed (°C)	Measurement Uncertainty in $\pm$ (°C)	Remarks
1	-99.983	-100.002	-0.019	0.07	Pass
2	-50.012	-50.011	0.001	0.07	Pass
3	0.069	0.073	0.004	0.02	Pass
4	49.957	50.026	0.069	0.02	Pass
5	100.000	100.037	0.037	0.02	Pass
6	150.049	150.069	0.020	0.08	Pass
7	200.007	200.015	0.008	0.08	Pass
8	300.052	300.078	0.016	0.08	Pass
9	400.054	400.067	0.013	0.08	Pass
10	600.062	600.082	0.020	0.08	Pass

Conclusion Remarks:

1 Temperature Scale : International Temperature Scale, 1990 (ITS-90).

2 Accuracy Claimed as per Customer request


Calibrated By

  
Khan K.M.  
(Calibration Engineer)

Checked By

  
Naveen Kumar S R  
(Sr. Calibration Engineer)

Authorised By

  
Vijaya Kumar V  
(Technical Director)





