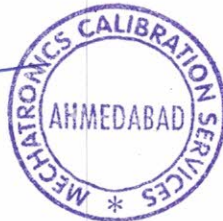


CALIBRATION CERTIFICATE

Format No.: F-48/01		Issue/Rev.: 01/00	
Certificate No. : MCS/22000002895	Date of Calibration : 17/12/2022	Recommended Due Date : 16/12/2023	Certificate Issue Date : 19/12/2022
ULR No. : CC313322000002895F			
Discipline : Thermal			
Group : Temperature			
Name & Address of Customer : M/s. Shilp Pathology Laboratory SF/9-10, Shree Ratna Complex, Nr. Akbar Nagar Circle, Nava Vadaj, Ahmedabad.	Condition On Receipt : Satisfactory	Receipt No. : MCS/315-01	Receipt Date : 17/12/2022
	Location of Calibration : Lab		
Details Of Unit Under Calibration:			
Nomenclature : Digital Thermometer	Serial No. : --	ID No. : SPL/01/T	Sensor Length & Dia. : 150 mm & 3.5 mm
Make/Model : R-tek / RT-101		Immersion Depth : 50 mm	
Range : -50 to 300 °C			
Resolution : 0.1 °C			
Details of standard Used :			
Nomenclature : RTD With Indicator	Certificate No. : TSC/22-23/4914-1	Valid Up to : 27/06/2023	
ID.No. : MCS/RWI/01			
The Standards used for Calibration is traceble to national /International Standard.			
Work Instruction No : MCS/CP/01	Standard Used : DKD-R-5-1 & ITS-90		
Method Used : Comparision Method			
Environment Details			
Temperature : 25.1 °C	Relative Humidity : 52 % RH		

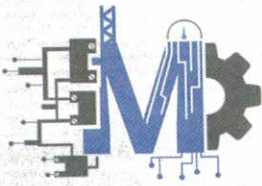
Calibrated By-(CE)

Ghanshyam Sonagara



Authorised Signatory-(TM)

Sachin Gujrathi



CALIBRATION CERTIFICATE

Certificate No. : MCS/22000002895
ULR No. : CC313322000002895F

Calibration Result

Sr. No	Set Value (°C)	Standard Reading (°C)	UUC Reading (°C)	Deviation (°C)	Expanded Uncertainty (±°C)
1	-30.0	-29.92	-30.1	-0.18	0.37
2	-10.0	-10.05	-10.2	-0.15	0.37
3	0.0	-0.06	-0.2	-0.14	0.37
4	10.0	9.85	9.6	-0.25	0.37
5	50.0	49.82	49.5	-0.32	0.37

Note : * UUC -Unit Under Calibration
* All Readings are average of five readings.

Calibrated By-(CE)

Ghanshyam Sonagara

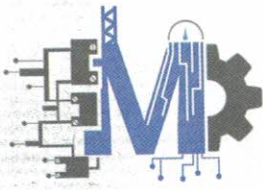


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Sachin Gujrathi

- Note – (1) The uncertainty of measurement is expressed at a confidence level 95.45% with coverage factor k=2 .
- (2) The Value has been rounded -off as per IS 2: 1960 wherever applicable.
- (3) The certificate pertains only to the items calibrated.
- (4) This certificate should not be reproduced except in full without a written permission of the laboratory.
- (5) The reported results are valid at the time of performance of calibration under specified conditions only
- (6) Calibration is performed without doing any adjustment/Repairing in its original Condition.

–End Of Certificate–



CALIBRATION CERTIFICATE

Format No.: F-48/81		Issue/Rev.: 01/00	
Certificate No.: MCS/22000002896	Date of Calibration: 17/12/2022	ULR No.: CC313322000002896F	Recommended Due Date: 16/12/2023
Discipline: Thermal	Certificate Issue Date: 19/12/2022	Group: Specific Heat & Humidity	
Name & Address of Customer: M/s. Shilp Pathology Laboratory SF/9-10, Shree Ratna Complex, Nr. Akbar Nagar Circle, Nava Vadaj, Ahmedabad.		Condition On Receipt: Satisfactory	Receipt No.: MCS/315-02
		Receipt Date: 17/12/2022	Location of Calibration: Lab
Details Of Unit Under Calibration:			
Nomenclature: Digital Thermo-hygrometer	Serial No.: --	Make/Model: HTC / 288-ATH	ID No.: SPL/02/T
Range: -50.0 to 70.0 °C / 10 to 99 % RH		Resolution: 0.1 °C / 1 % RH	
Details of standard Used :			
Nomenclature: Temp.&Humidity Indicator with Sensor	Certificate No.: TSC/22-23/1421-1	Id.No.: MCS/THIS/01	Valid Up to: 11/04/2023
The Standards used for Calibration is traceable to national /International Standard.			
Work Instruction No.: MCS/CP/81	Standard Used: --		
Method Used: Comparison Method			
Environment Details: Temperature: 25.8 °C		Relative Humidity: 50 %RH	

Calibration Result

Sr No.	Temperature @ 50% RH				Relative Humidity @ 25 °C			
	Standard Reading	UUC Reading	Deviation	± Expanded Uncertainty	Standard Reading	UUC Reading	Deviation	± Expanded Uncertainty
	°C	°C	°C	°C	%RH	%RH	%RH	%RH
1	10.18	10.4	0.22	0.46	20.36	19	-1.36	1.72
2	20.29	20.6	0.31	0.46	40.51	39	-1.51	1.73
3	30.27	30.6	0.33	0.46	60.51	59	-1.51	1.80
4	40.22	40.5	0.28	0.46	80.55	79	-1.55	1.71
5	50.27	50.6	0.33	0.46	95.59	94	-1.59	1.73

* UUC -Unit Under Calibration, * All Readings are average of five readings.

Calibrated By-(CE)

Ghanshyam Sonagra



Authorised Signatory-(TM)

Sachin Gujarathi

- Note – (1) The uncertainty of measurement is expressed at a confidence level 95.45% with coverage factor k=2.
(2) The Value has been rounded -off as per IS 2: 1960 wherever applicable.
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–End Of Certificate–