



# ASIAN TECHNOLOGY

(A HOUSE OF CALIBRATION)



## CALIBRATION CERTIFICATE

Customer name And Address	M/S: Pariksha Diagnostic Centre Private Limited, 493/C/A, G.T. Road (South) Vivek Vihar, Hawrah-711102, India	Service request No. & date	P/03/11/10/23&11/10/2023
		ULR No.	CC223923000006021F
		Cert. No.	AT/23000006021
		Date of Receipt of DUC	11/10/2023
		Date of calibration	11/10/2023
		Date of issue	12/10/2023
		Suggested due date	10/10/2024

Instrument Details			
Instrument name	Digital Thermo Hygrometer	I.D. No.	DTM-02
Make	HTC/HTC-1	Location	Lab
Range / Size	-10 to 50 °C / 10 to 99 %RH	Accuracy	-----
Least Count	0.1 °C / 1 %RH	Visual Inspection	OK

Detail of reference standards & Major equipments used			
Equipment Name	SPRT With Digital Indicator	Dig. Humidity Indicator With Sensor	
Make	Tempsans/Fluke	Yudian / Rotronic	
Model / SR No.	05640/AT/TH/12	11F183060/20274168	
Certificate No.	CC288822000001839 F	CC325722000000967F	
Calibration Validity	27/10/2023	01/11/2023	
Calibration by	Sigma	KL Technology	

Environmental Condition	Temperature	25± 4 °C	Calibration Reference	ITS:90
	Relative Humidity	50±20%	Calibration Procedure	CP-04T

Calibration Results					
Serial No.	Standard Average Value in (°C)	Measured Average Value in (°C)	Standard Average Value in (%RH) @25 °C	Measured Average Value in (%RH) @25 °C	Uncertainty At 95% C.L. (coverage factor k=2)
01.	10.212	10.2	30.1	29	± 0.3°C
02.	20.184	20.0	49.8	50	
03.	30.271	30.3	69.6	70	
04.	29.672	29.9	79.9	80	± 2.0%RH
05.	48.454	48.9	89.4	90	

Remarks:

- ❖ (1) Standard equipment use for calibration are traceable to national/ international standards.
- ❖ (2) The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by coverage factor k = 2 such that the coverage probability corresponds to approximately 95%. (3) The above results are valid at the time of and under the stated conditions measurement. (4) This certificate is refers only to the particular item submitted for calibration. (5) Next calibration due date given as requested by the customer.

Calibrated By  
(Calibration Engg./TM)  
(D.B SAXSENA)  
Form No.QF-47

Approved By  
(QM/TM)  
(NBERAJ TYAGI)  
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---End of Report---