



ASIAN TECHNOLOGY

(A HOUSE OF CALIBRATION)



CALIBRATION CERTIFICATE

Customer name And Address	M/S: Patliputra Nursing Home Lab Name -7, Samepur Patliputra Clinical Lab Delhi 110042	Service request No. & date	P/01/09/06/23&09/06/2023
		ULR no.	CC223923000003065 F
		Cert. No.	AT/23000003065
		Date of Receipt of DUC	09/06/2023
		Date of calibration	09/06/2023
		Date of issue	10/06/2023
		Suggested due date	08/06/2024

Instrument Details			
Instrument name	Digital Thermo Hygrometer	I.D. No.	DTM-01
Make	HTC/HTC-1	Location	-----
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.	-10.119	-10.1	30.6	30	
02.	10.124	10.0	50.3	50	± 0.5°C
03.	20.241	19.9	68.8	70	
04.	28.875	29.2	79.6	80	± 2.0%RH
05.	48.674	49.0	89.5	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 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)
(NEERAJ TYAGI)
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---End of Report---