



ASIAN TECHNOLOGY

(A HOUSE OF CALIBRATION)



5

CALIBRATION CERTIFICATE

Customer name And Address	M/S: Regional Ayurveda Research Institute, Near Gharkul Parisar, N.I.T. Complex, Nandanvan, Nagpur-440009.	Service request No. & date	A/05/23/08/22&23/08/2022
		ULR no.	CC223922000016666F
		Cert. No.	AT22000016666
		Date of Receipt of DUC	23/08/2022
		Date of calibration	23/08/2022
		Date of issue	25/08/2022
		Suggested due date	22/08/2023

Instrument Details			
Instrument name	Dig. Thermohygrometer	Location	Lab
Make / Model No.	HTC / HTC-2	Accuracy	-----
Range / Size	-50 to 70 °C/10 to 90% RH	Visual Inspection	OK
Least Count	0.1 °C / 1 %RH	Calibration Performed at	Lab
I.D. No. / Sr. no.	LAB/THM/01 / -----		

Detail of reference standards & Major equipments used			
Equipment Name	RTD With Indicator	Dig. Humidity Indicator With Sensor	
Make	Tempsens	Yudian / Rotronic	
Model / SR No.	11080368	11F183060/20274168	
Certificate No.	CC325722000000135F	FL/C/TH/10112021-C001	
Calibration Validity	10/02/2023	11/11/2022	
Calibration by	KL Technology	FARE LABS	

Environmental Condition	Temperature	(25± 4) °C	Calibration Reference	ITS:90 (1990)
	Relative Humidity	(50±20) %	Work Instruction	AT/WI-12TH

Calibration Results

Serial No.	Standard Average Value in (°C)	Measured Average Value in (°C)	Standard Average Value in (%RH) At @25°C	Measured Average Value in (%RH) At @25°C	Uncertainty At 95% C.L. (coverage factor k=2)
01.	-10.21	-10.3	30.2	30	
02.	10.22	10.1	49.3	50	± 0.3°C
03.	30.30	30.2	67.8	69	
04.	50.02	49.8	79.5	81	± 1.9%RH
05.	65.81	65.5	87.5	89	

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 SAXENA)
Form No.- QF-47



Approved By
(QM/TM)
(NEERAJ TYAGI)
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---End of report---