



# Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments  
 304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092  
 Phone / Fax : (011) 22453259, 22434362, 9599482307  
 E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

## CALIBRATION CERTIFICATE

Page 1 of 1

### CALIBRATION CERTIFICATE OF DIGITAL THERMO-HYGROMETER

Calibration Certificate No.	22100005049	Issued On	22/03/2022
ULR No.	CC214622100005049F	Calibration Date	19/03/2022
Job Identification No.	ICS/C/T/03/5049	Next Due Date	18/03/2023
Ref. No.	SRF, Dated - 16/03/2022		

<b>CALIBRATED FOR:</b>	M/s Path Kind Diagnostics Pvt. Ltd. Ground Floor, Dev Sagar Lodge, Kalaam Chouraha, DM Road, Bulandsahar-203001, (U.P.)
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EQUIPMENT DESCRIPTION			
Name	Digital Thermo-Hygrometer		
Make/Model	Instrumentics / HTC-1	Visual Inspection	Ok
Serial No.	---	I.D. No.	THM-02
Range	Up to 60°C / Up to 99 % (RH)	Least Count	0.1°C / 1 % RH
Location	---	Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS			
Temperature	25.0 °C ± 3.0 °C	Humidity	50 ± 10 % RH

STANDARD REFERENCE DETAILS					
Traceable to National / International Standard					
Name of the Standard	Make	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
Digital Temp. Indicator with Sensor	"Lutron"	22100000001	Indian Calibration Services, Delhi	01/01/2022	01/01/2023
Temp. & Hum. Ind. with Sensor	Rotronic	ETL1703/21/C/F/506	FCRI, Kerala	30/12/2021 - 04-01-2022	04/01/2023

USED EQUIPMENT DETAILS	Environmental Chamber
PRINCIPLE/METHODOLOGY OF CALIBRATION:	As per Calibration Procedure No.: ICS/CAL/SOP-TH06 (ITS-90) (Comparison Method)


RESULTS: Thermal Calibration  
(On Working Range)

U.U.C. Reading		Corrected Value of Standard (Average)		Uncertainty at approx 95% C.L and coverage factor k=2	
Temperature	Humidity	Temperature	Humidity	Temperature	Humidity
15.0 °C	20 % RH	15.06 °C	19.57 % RH	± 0.37 °C	± 1.6 % RH
20.0 °C	40 % RH	20.08 °C	39.21 % RH	± 0.37 °C	± 1.6 % RH
30.0 °C	75 % RH	30.11 °C	73.82 % RH	± 0.43 °C	± 1.6 % RH
40.0 °C	90 % RH	40.16 °C	88.37 % RH	± 0.43 °C	± 1.6 % RH

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.  
 \*\*\*END OF REPORT\*\*\*

- Note : 1. This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.  
 2. The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.  
 3. Total liability of our Organisation is limited to the invoiced amount.  
 4. Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.  
 5. In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.  
 6. The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of  
Indian Calibration Services

Checked by   
 Authorised Signatory  
 KARTHIK KAPOOR



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## CALIBRATION CERTIFICATE

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### CALIBRATION CERTIFICATE OF DIGITAL THERMO-HYGROMETER

Calibration Certificate No.	22100005050	Issued On	22/03/2022
ULR No.	CC214622100005050F	Calibration Date	19/03/2022
Job Identification No.	ICS/C/T/03/5050	Next Due Date	18/03/2023
Ref. No.	SRF, Dated - 16/03/2022		

<b>CALIBRATED FOR:</b>	M/s Path Kind Diagnostics Pvt. Ltd. Ground Floor, Dev Sagar Lodge, Kalaam Chouraha, DM Road, Bulandsahar-203001, (U.P.)
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#### EQUIPMENT DESCRIPTION

Name	Digital Thermo-Hygrometer		
Make/Model	Instrumentics / HTC-1	Visual Inspection	Ok
Serial No.	---	I.D. No.	THM-03
Range	Up to 60°C / Up to 99 % (RH)	Least Count	0.1°C / 1 % RH
Location	---	Calibration Site	In-Lab

#### ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
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#### STANDARD REFERENCE DETAILS Traceable to National / International Standard

Name of the Standard	Make	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
Digital Temp. Indicator with Sensor	"Lutron"	22100000001	Indian Calibration Services, Delhi	01/01/2022	01/01/2023
Temp. & Hum. Ind. with Sensor	Rotronic	ETL/1703/21/C/Fl 506	FCRI, Kerala	30/12/2021 - 04-01-2022	04/01/2023

#### USED EQUIPMENT DETAILS

Environmental Chamber

#### PRINCIPLE/METHODOLOGY OF CALIBRATION:

As per Calibration Procedure No.: ICS/CAL/SOP-TH06 (ITS-90)  
(Comparison Method)

#### RESULTS: Thermal Calibration (On Working Range)

U.U.C. Reading		Corrected Value of Standard (Average)		Uncertainty at approx 95% C.L and coverage factor k=2	
Temperature	Humidity	Temperature	Humidity	Temperature	Humidity
15.0 °C	20 % RH	15.04 °C	20.43 %RH	± 0.37 °C	± 1.6 % RH
20.0 °C	40 % RH	20.07 °C	40.67 %RH	± 0.37 °C	± 1.6 % RH
30.0 °C	75 % RH	30.09 °C	76.08 %RH	± 0.43 °C	± 1.6 % RH
40.0 °C	90 % RH	40.14 °C	91.59 %RH	± 0.43 °C	± 1.6 % RH

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

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For and on behalf of  
Indian Calibration Services

Checked by

KARTIK KADDOOR  
Authorised Signatory



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### CALIBRATION CERTIFICATE OF DIGITAL THERMO-HYGROMETER

Calibration Certificate No.	22100005048	Issued On	22/03/2022
ULR No.	CC214622100005048F	Calibration Date	19/03/2022
Job Identification No.	ICS/CT/03/5048	Next Due Date	18/03/2023
Ref. No.	SRF, Dated - 16/03/2022		

<b>CALIBRATED FOR:</b>	M/s Path Kind Diagnostics Pvt. Ltd. Ground Floor, Dev Sagar Lodge, Kalaam Chouraha, DM Road, Bulandsahar-203001, (U.P.)
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EQUIPMENT DESCRIPTION			
Name	Digital Thermo-Hygrometer		
Make/Model	Instrumentics / HTC-1	Visual Inspection	Ok
Serial No.	---	I.D. No.	THM-01
Range	Up to 60°C / Up to 99 % (RH)	Least Count	0.1°C / 1 % RH
Location	---	Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS			
Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH

STANDARD REFERENCE DETAILS					
Traceable to National / International Standard					
Name of the Standard	Make	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
Digital Temp. Indicator with Sensor	"Lutron"	22100000001	Indian Calibration Services, Delhi	01/01/2022	01/01/2023
Temp. & Hum. Ind. with Sensor	Rotronic	ETL/1703/21/C/F/506	FCRI, Kerala	30/12/2021 - 04-01-2022	04/01/2023
<b>USED EQUIPMENT DETAILS</b>		Environmental Chamber			
<b>PRINCIPLE/METHODOLOGY OF CALIBRATION:</b>		As per Calibration Procedure No.: ICS/CAL/SOP-TH06 (ITS-90) (Comparison Method)			

**RESULTS: Thermal Calibration**  
(On Working Range)

U.U.C. Reading		Corrected Value of Standard (Average)		Uncertainty at approx 95% C.L and coverage factor k=2	
Temperature	Humidity	Temperature	Humidity	Temperature	Humidity
15.0 °C	20 % RH	14.94 °C	19.64 % RH	± 0.37 °C	± 1.6 % RH
20.0 °C	40 % RH	19.91 °C	39.33 % RH	± 0.37 °C	± 1.6 % RH
30.0 °C	75 % RH	29.89 °C	73.94 % RH	± 0.43 °C	± 1.6 % RH
40.0 °C	90 % RH	39.85 °C	88.42 % RH	± 0.43 °C	± 1.6 % RH

**REMARKS:**The recommended date for next calibration is mentioned, as asked by the customer.

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For and on behalf of  
Indian Calibration Services

Checked by  
*[Signature]*

*[Signature]*  
KARTHIKA POOR  
Authorised Signatory  
Quality Manager




AUTH:   
QA FUNCTION

PATHKIND DIAGNOSTICS PVT LTD		ISSUE DATE:	01.08.2017	AMENDMENT DATE:	
DAILY ROOM TEMPERATURE & HUMIDITY MONITORING		ISSUE NO:	01	AMENDMENT NO:	
		KOTHIYAT GROUND FLOOR		KALA AAM CHORAJHA, D/ROAD, BUL ANDSHEHVAR	
		LITRAR PRADESH-20300			

YEAR: 2022

SR NO:

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JAN	20.5	21.5	21.5	21.0	21.0	22.2	22.0	22.5	21.1	22.2	22.8	23.2	22.2	22.2	20.2	20.2	20.2	21.0	22.5	22.3	22.6	21.9	22.1	20.9	21.5	21.1	21.5	20.2	22.2	20.3	
TEMPERATURE	49.7	52.7	52.7	50.7	50.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	
HUMIDITY %	85	84	84	84	82	85	84	85	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	
SIGNATURE																															
FEB	21.5	20.6	21.1	20.4	21.8	21.2	21.2	20.7	21.8	21.2	21.2	21.1	20.5	22.2	21.8	22.1	22.1	22.1	22.1	23.1	22.2	21.8	22.2	22.5	22.1	22.8	21.5	21.4			
TEMPERATURE	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	
HUMIDITY %	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	
SIGNATURE																															
MAR	23.6	23.3	23.8	23.3	21.9	23.1	24.0	24.4	23.8	24.8	23.2	24.2	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	
TEMPERATURE	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
HUMIDITY %	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	
SIGNATURE																															
APR	23.6	23.1	23.3	23.4	22.4	22.0	23.4	24.2	24.1	24.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	
TEMPERATURE	66.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
HUMIDITY %	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	
SIGNATURE																															
MAY	28.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	
TEMPERATURE	29.2	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	
HUMIDITY %	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	
SIGNATURE																															
JUN																															
TEMPERATURE																															
HUMIDITY %																															
SIGNATURE																															

ACCEPTABLE LIMITS  
ROOM TEMPERATURE: 21-30° C  
SECTION HEAD SIGN: 

HUMIDITY: 30% to 80%

DOC NO: P005/GEN/005.0

ISSUED BY: DR ASHOK RATTAN

DAILY ROOM TEMPERATURE & HUMIDITY MONITORING