

# Certificate



## CERTIFICATE OF CALIBRATION

Issued From : Indore Laboratory

CALIBRATION CERTIFICATE NUMBER : 5637/03/20-21

EQUIPMENT NAME :		DIGITAL THERMO HYGROMETER	
RECEIVED ON	CALIBRATED ON	CALIBRATION DUE DATE RECOMMENDED	PAGE NO.
17.09.2020	25.11.2020	25.11.2021	1 of 1

I. Calibrated for :  
GRACE LABORATORY  
FF-8 SILVER COIN COMPLEX  
OPP.BHAVAN'S SCHOOL  
MAKARPURA,VADODARA-390001  
GUJARAT

II. Description and Identification of Instrument :

Sample Id:	5637/03
Make:	EUROLAB
Model:	288ATH
Type:	Digital
Serial No.	Not Mentioned

Range:	0 to 50 ° C & 0 to 99 % RH
Calibrated Range:	15.3 to 39.9 °C & 31 to 81 %RH
Least Count:	0.1 ° C & 1 % RH
Condition on receipt:	Satisfactory
Identification No. :	THG-01

III. Environment Condition-

Temperature :	25 ± 4 °C
Relative Humidity :	30 to 75 % RH

IV. Standard/Calibrator and Measuring Equipment Used :

Nomenclature	Range	Uncertainty	Certificate No.	Traceability	Validity
Digital Thermo Hygrometer	10 to 50 °C, 10 to 95 % RH	± 0.30 °C, 0.43 % RH	CC2101200000002124F	CC-2101	25.09.2021

Humidity chamber

V.(a) Results:

Thermal Calibration (Specific Heat & Humidity)

Serial No.	Unit	UUC#Average	Standard Average	Correction	Uncertainty (For k=2, 95.45 % C.L.)
1	°C	15.28	15.46	0.18	± 0.42
2	°C	20.24	20.46	0.22	0.48
3	°C	30.24	30.32	0.08	0.42
4	°C	35.70	35.22	-0.48	0.42
5	°C	39.86	40.18	0.32	0.42

V.(b) Results:

Serial No.	Unit	UUC#Average	Standard Average	Correction	Uncertainty (For k=2, 95.45 % C.L.)
1	% RH	31.20	29.87	-1.33	± 2.47
2	% RH	43.80	44.43	0.63	2.47
3	% RH	61.20	59.62	-1.58	2.45
4	% RH	72.80	72.48	-0.32	2.47
5	% RH	81.00	81.34	0.34	2.45

Note : 01.UUC# : Unit Under Calibration

: 02. Certificate shall not be reproduced in full without the written approval of the laboratory

: 03. The Values of temperature is taken at 50 %RH and relative humidity values are taken at 25 °C.

Other Details

- 01.Certificate issue date : 26/11/2020
- 02.Location of calibration:Lab
03. The results relate only to the item calibrated

VI. Inference:

01. The correction is positive except when indicated other wise It has to be algebraically added to the UUC # reading in order to get the actual reading .

VII. Reference:

01. The Calibration is carried out as per the CLL Calibration Procedure  
No. CLL-IDR-SWP-CAL-00031
02. All the values have been rounded off as per IS:2-1960.
03. The laboratory is NABL Accredited having Certificate Number: CC-2089

VIII. Details of Adjustment Made ( If any )

Not Done

ULR NO.:CC208920000001769F

CALIBRATED BY	IDR01183
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AUTHORISED SIGNATORY

IDR00249

\*\*END OF CALIBRATION CERTIFICATE\*\*

For Choksi Laboratories Ltd.  
Authorised Signatory

Chandraprakash Choudhary (IDR 00249)  
Deputy-Division Head-Calibration  
QAIS: 47-2015/01