

CERTIFICATE OF IN-HOUSE CALIBRATION

Name of the Equipment: Digital Thermometer

Equipment I. D: UPSACS/MC/PPTCT/32 A

Location: Room No. 1/62

Working Range: 2-8 deg C.

Manufacture: NA

Calibrated on: 01/02/22

Next Calibration due: 31/01/23

Method: Traceability Certificate

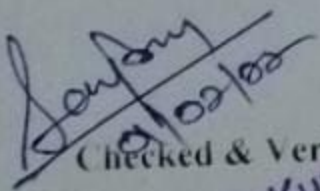
MLNMC/Micro/HDL/DTHM/01/SRL Certificate No. 210309SC/NN-103

Master Thermo Hygrometer with Sensor ACS/DHM-03 SRT Jaipur SRT/July 2020/22 dt.
15/07/2021

Test condition: Working

Instrument	Reading					Mean
	1	2	3	4	5	
UPSACS/MC/PPTCT/32 A	2.9	2.8	3.8	3.2	4.5	4.1
Thermometer (Ref. Thermometer)	2.6	2.4	3.5	2.9	4.2	3.9

Acceptable variation: +/- 1.0 deg Celsius

Remarks: Instrument has passed the acceptance criteria (Yes/No) 
01/02/22Checked & Verified by
Dr. Sanjay Kumar
Quality Manager
HIV Diagnostic Laboratory



Shree Radhey Technology

NABL Accredited Laboratory



S-19-20, Riico Industrial Area, Bindayaka, JAIPUR-302012 (Raj.)
Ph : 0141-2240915, (M) 94149 32080, 9772258877, E-mail : abhay_jangid@yahoo.co.in

CALIBRATION CERTIFICATE

Calibrated For : M/s Advance Calibration Services, C-73, Sector - 12, Noida,(UP)	Certificate No. : CC277919000011426F S.R.F. No. : SRT/07/2019/27 S.R.F. Date : 19.07.2019	Calibrated On : 23.07.2019 Sug.Due Date: 23.07.2020 Issue on : 24.07.2019
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Detail of Calibrated Item :

Item Name : Dig. Thermo Hygrometer	Range : -50 to 70°C & 20 to 80% RH	Make/Model : Temptec
Sr. No./ID. No. : ACS/DHM/03	L.C. : 0.1 °C	1 % RH

Date of Receipt : 22.07.2019	Calibration Done At : Permanent Laboratory	Condition of M/c on Receipt : ok
Environmental Condition : 19/10/2019	Temp. (in °C) : 24.5	Relative Humidity (% RH) : 50 ± 10

Detail of Standard Equipment Used for Calibration:

Equipment Name	Traceability	Certificate No.	Due Date
Digital Temperature & RH Probe With Indicator	DVG Laboratory & Consultants (P) Ltd.	CC210119000000998F	02.05.2020

Used Humidity Chamber as source

Result : Temperature @ 50 % RH

Sl. No.	Set Point in °C	Reading Shown By Standard in °C	Reading Shown By DUC in °C	Deviation in °C	Expanded Uncertainty ±
1	10	10.38	9.6	0.78	1.1 °C
2	25	25.75	24.8	0.95	1.1 °C
3	40	41.59	40.3	1.29	1.1 °C

Relative Humidity @ 25 °C

Sl. No.	Set Point in %RH	Reading Shown By Standard in %RH	Reading Shown By DUC in %RH	Deviation in %RH	Expanded Uncertainty ±
1	25	25.28	26	-0.72	1.9 % RH
2	50	50.11	51	-0.89	1.9 % RH
3	75	75.23	74	1.23	1.9 % RH

Remarks :

- The item has been calibrated as per our procedure No SRT-C1618
- The Reported uncertainty of measurement is at coverage factor $k=2$ which corresponds to a coverage probability of approximately 95 % confidence level for a normal distribution, considering the relative deviation of different components.
- The certificate refers only to the particular sample (s) submitted for calibration.
- The certificate can not be reproduced except in full, without prior permission M/s Shree Radhey Technology, Jaipur
- The calibration result reported in particular certificate are valid at time of under the statement conditions of measurement for the particular item identified above.
- Temperature scale ITS -90
- This equipment calibrate only for scientific/ In house/Testing use not for trading use.

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Calibrated By :
Designation : Engineer- Calibration



Approved By :
Designation : Q.T.M

web site : www.shreeradheytechnology.com

Deals in : Testing Machine & Spare Parts

ADVANCE CALIBRATION SERVICES

NABL ACCREDITED LAB
(A Unit of Advance Engineers)

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Calibration Certificate

CERTIFICATE NO.	: 210309C/NN-103	Page	: 2 of 3
CALIBRATED ON.	: 09 / 03 / 2021	Ref Std.	: ITS-90
CALIBRATION DUE.	: 09 / 03 / 2022	C P No.	: ACS/CP/07
SRF No. & DATE	: 210309C/NN Dt. 09.03.2021	Phy. Inspection :	O.K.
CALIBRATED FOR	: M/s SRL, Deptt of Microbiology M.L.N. Medical College, Allahabad.		
ITEM CALIBRATED	: Digital Temperature Humidity Meter (Refrigerator Temp.)		
	Make : Aceteq	Range :	(0-50)°C
	L. Count : 0.1°C	ID No. :	MLNMC/Micro/HDL/DTHM/01/SRL
	Location : Micro Biology	S. No. :	
ENVIRONMENT CONDITION:	Temp. { 25°C ± 3°C } R.H. { 40% to 60% }		
STANDARD INSTRUMENTS USED :			
INSTT. NAME	MAKE / S. No.	CALIBRATED FROM	CERTIFICATE No. & VALIDITY Dt.
Master Thermo Hygrometer with sensor	ACS/ DHM-03	SRT Jaipur	SRT/July/2020/22 Dt. 15/07/2021
RESULTS :			
* U. C. INSTT. READS (°C)	STANDARD READING (°C)	ERROR (°C)	
2	2.1	- 0.1	
5	5.2	- 0.2	
10	10.3	- 0.3	

REMARKS

: The Expanded uncertainty of measurement at 95% confidence level is $\pm 0.5^\circ\text{C}$ at coverage Factor $k=2$

NOTE

* U.C.

: Under Calibration.

- Instrument has been Calibrated against laboratory standard instruments whose values are traceable to National Standard as mention in above.
- The calibration results reported in this certificate are valid at the time of and under the stated conditions of measurement for a particular sample identified above.
- This report should not be reproduced in full or in an abstract form without obtaining prior written permission from our office
- The test report is not to be used for any legal purpose and shall not be produced in the court of law

