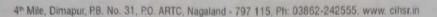


Christian Institute of Health Sciences & Research

(A NABH Pre-Accreditation Entry Level Hospital)





In-house calibration/measurement report

Device under Calibration (DUC)

Equipment Name	Calibration/measurement Date	Due Date	
Refrigerator	12-06-2021	11-12-2021	

i. ID No. CIHSR/LAB/RR-01

ii. Make/Model/Sl. No. Celfrost/FKG100S/8051410

2. **Standard Equipment**

> i. Name Thermo-Hygrometer ii. Make/Model : Winner/TH402

iii. ID No. 004D

iv. Calibration date & calibration due date: 17.03.2021 to 16.03.2022

3. Measurement

Measurement Procedure : Comparison method, iii.

Traceability : NABL Standard through North East Calibration & iv.

Testing Laboratory, Guwahati.

Certificate No. NECTL/M/2021/CAL-1459

Result 4.

Tray	Master (°C)	(DUC) Electronic Display (in °C) 6.5		
1	5.8			
2	6.5	7.2		
3	6.8	6.5		
4	7.2	6.5		
5	8.0	6.4		

Remarks: Displayed temperature in DUC is within the range of $0^0 - 8^0$ C. 5. Conforms to in-house standard.

Calibration by: Kalyan Patwary (BE, PGDI)

Sr. Engineer



NORTH EAST CALIBRATION & TESTING LABORATORY

Under the scheme of MSME Govt. of Assam



CC -3063

CALIBRATION CERTIFICATE

ULR No:-CC306321000002459P

Receipt date of item

Job No

Item identification No

Customer Name & Address

Certificate Number

Date of Calibration

Issue date of calibration Certificate

Next calibration due date

Instrument Details:-

17/03/2021

NECTL/M/2021/2362

NECTL/OS/03/2362-4

Christian Institute Of Health Sciences & Research

4th Mile, P.B No 31, P.O ARTC, Nagaland 797115

NECTL/M/2021/CAL-1459

17/03/2021

20/03/2021

16/03/2022

Calibrated Item:- Thermo-Hygrometer

Make:- Winner

Model:- TH402

SI. No .:- 004D

Resolution:- 0.1°C/1%

Range: -50°C to 70°C/0-100%

Environmental Condition-

Temperature:- 22.2°C

Humidity:- 60%

Calibration Done:- On-site

Standard Details

Name	ID No.	Range	Certificate No.	Validity
4 wire RTD	1016	-200°C to 850°C	TL/020/794.2.1	02/10/2021
Multifunction process calibrator	4267751	0-25mA	TSC/20-21/3507-2	14/08/2021
Thermo Hydrometer (HANNA)	HI9565	0-60°C,10%-95%	TSC/20-21/3631-1	19/08/2021
Temperature-Humidity chamber	THTC-01B	5-50°C,10%-90%	TNX/20-21/028	28/01/2021

Procedure No:-NECTL/GHY/SOP/TH007

Method used:-Comparison method as per NABL129

<u>Uncertainty Measurement</u>: The reported expanded uncertainty of measurement is calculated at 95% C.L with coverage factor k=2

- 1. The calibration results reported in this certificate are valid at the time of and the stated condition of easurement.
- 2. The results reported relate only to the above calibrated item.
- 3. The reproduction of a part or an abstract thereof, has to be got specifically approved from Director, NECTL, Guwahati.
- 4. Calibration certificate without signature and seal are not valid.
- 5. All calibration are done in S.I units and it is in accordance to ISO: IEC:17025:2017 unless it is specified.
- 6. NECTL is not liable for any change in calibration data & performance specification on account of malfunctioning of standard/instruments/Equipments covered by this certificate due to damage caused to its after issuance of this certificate.

Calibrated by Technical officer



Authorized Signatory M. Kr. Adhikary QM Page:1/2

REGD. OFFICE

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Email ID : nectl.assam@gmail.com Contact No. : +91 91278 08101 vebsite : www.nectl.co

ULR No Certificate Number

CC30632100002459P

NECTL/M/2021/CAL-1459

Calibration Data:-

Parameter	SL. No	Standard reading	DUC reading	Deviation(±)	Uncertaint
	1	-42.55			Uncertainty (±)
Temperature 4	2		-41.9	-0.650	
		-25.25	-24.5	-0.750	3.05
	3	-10.36	-9.8	-0.560	
	4	0.12	0.5	-0.380	
	5	10.41	10.1	0.310	
	6	20.33	19.8	0.530	
	7	30.39	29.6	0.790	
	8	40.59	39.8	0.790	
	9	60.87	59.5	1.370	

Parameter	SL. No	Standard reading	DUC reading	Deviation(±)	Uncertainty (±)
Humidity in %	1	21	21	1	1.85%
	2	46	45	1	
	3	51	50	1	
	4	61	60	1	
	5	80	79	1	
	6	98	98	0	F 14 . 10 12 . 3

We have no NABL accreditation in Humidity.

Calibrated by

Nisha Kalita Technical officer



Authorized Signatory

M. Kr. Adhikary

QM Page:2/2