

## CALIBRATION CERTIFICATE

EQN/FT/7.8/01

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CRF No.	EQN/CRF/2107115	Date of Calibration	26-Jul-21
Certificate No	2021-22/EQN/2107115-01	Recom. Due Date	26-Jul-22
ULR No.	CC276021000004929F		

**CUSTOMER DETAILS :**

M/s. Alpha clinical laboratory & Ecg Center	Calibrated at	Lab
17/1, bazaar street Muthapudupet,	Date of Receipt	26-Jul-21
IAF avadi, Chennai -600 055.	Cond. On Receipt	Satisfactory
	Date of Issue	27-Jul-21

**DETAILS OF UUC :**

Description	Thermo hygrometer	Identification No.	--
Range	-50°C to 70°C & 10% to 99%RH	Serial No.	M306168
Least Count	0.1 °C / 1 %RH	Make	MEXTECH
Operating Range	--	Model No.	TM-1
Location	--	Accuracy	--

**DETAILS OF STANDARD USED :**

Master Name	Lab ID No. / Sr No.	Valid upto	Tracability
Digital Temp Humidity Meter	INS/TM/133	27-Apr-22	Transcal, Bangalore

CP No.	EQN/CP/TL-06
Environmental Details	Temperature: 25±2°C Relative Humidity: 40-70 % RH

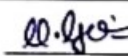

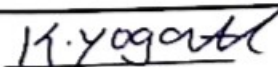
**CALIBRATION RESULT**

(THERMAL DISCIPLINE(SPECIFIC HEAT & HUMIDITY))

@50 % RH				
Sl. No.	STD READING	TEST READING	ERROR	UNCERTAINTY
	(°C)	(°C)	(°C)	± (°C)
1	15.18	15.3	0.12	0.58
2	25.27	25.5	0.23	0.58
3	45.50	45.8	0.30	0.58
Sl. No.	(%RH)	(%RH)	(%RH)	± (%RH)
1	30.21	31	0.79	1.97
2	50.75	52	1.25	1.97
3	80.40	82	1.60	1.97

**Remarks :**

1. Reading given was the average of 3 Measurements.
2. The reported Expanded Uncertainty is calculated at 95 % C.L. Approx with coverage factor k=2
3. Temperature scale: ITS 90

Issued by :			Authorized by :
DTM :	M.GOUTHAM		 K.YOGANATHAN

TEMPERATURE



CLOCK / HUMIDITY  
MEXTECH TM-1

