

# Ace Medical Solutions (India) Pvt. Ltd.

An ISO 9001 2015 Certified Company

No. 770/1, Jothi Complex 2nd Floor, Alagar Kovil Main Road, Surveyor Colony,  
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GSTIN 33ADSPA9153Q1ZA • DL No TN 12 20B -00398 TN 12 21B 00398

## CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Sri Amman Micro Lab, #118, R.S. Road, Opp.Govt. Hopsital, Perundurai-638052	Certificate No:	AMS/LAB/289/2266
		Issuing Date:	12/09/2022
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### Details of Device under Calibration (DUC):

DUC:	Temperature Hygrometer	Id. No:	SAM/LAB/TH/01
Make:	R-tek	Department:	Laboratory
Model:	Digital	Calibrated On:	11/09/2022
sSl. No:	---	Calibration Due Suggested:	10/09/2023
Type:	Digital Probe	DUC Condition on Receipt:	OK
Range & Least Count:	-15 to +15 °C / LC 0.1°C		

### Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	RTD Thermometer	Center / RTD 375	PC/01/22/ATL/0171-01	30/01/2023
2	Thermo Hygrometer	Beetech/088	PC/01/22/ATL/0265-01	30/01/2023

Room Temperature: 25°C±2

Room Humidity: 30-60%

(At the time of Calibration)

### Test Results:

Sl. No	Freezer Readings (°C)			Chiller Readings (°C)			Chamber Readings (°C)		
	DUC	STD	Correction	DUC	STD	Correction	DUC	STD	Correction
1	-2.0	-1.84	+0.16	1.0	1.09	+0.09	2.0	2.08	+0.08
2	-2.5	-2.38	+0.12	2.0	2.12	+0.12	2.5	2.61	+0.11
3	-3.0	-2.85	+0.15	2.5	2.65	+0.15	3.0	3.12	+0.12
4	-3.5	-3.33	+0.17	3.0	3.16	+0.16	3.5	3.62	+0.12
5	-4.0	-3.83	+0.17	3.5	3.66	+0.16	4.0	4.13	+0.13
6	-4.5	-4.39	+0.11	4.0	4.18	+0.18	4.5	4.61	+0.11
7	-5.0	-4.92	+0.08	4.5	4.68	+0.18	5.0	5.12	+0.12
8	-5.5	-5.45	+0.05	5.0	5.19	+0.19	5.5	5.62	+0.12
9	-6.0	-6.04	-0.04	5.5	5.69	+0.19	6.0	6.11	+0.11
10	-6.5	-6.48	+0.02	6.0	6.23	+0.23	6.5	6.63	+0.13
11	-7.0	-7.05	-0.05	6.5	6.71	+0.21	7.0	7.14	+0.14
12	-7.5	-4.56	-0.06	7.0	7.22	+0.22	7.5	7.64	+0.14
13	-8.0	-8.06	-0.06	7.5	7.73	+0.23	8.0	8.12	+0.12
14	-8.5	-8.54	-0.04	8.0	8.25	+0.25	8.5	8.61	+0.11

Allowable Tolerance: User Defined.

Note:

1. Calibration Points were selected as per customer request.
2. Each reading was taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.
3. Results Reported are valid at the time of and under the stated conditions of measurements.

Calibrated By:  
(Calibration Engineer)

Approved by:  
(Technical Manager)

