

CALIBRATION CERTIFICATE

Format : VCPL/CL/F/44
Rev : 01
Rev Date : 13-03-2023

Certificate No : VCPL/CC/2024/05-10

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Customer Name & Address :		Date of Issue	05-01-2024
M/s SRI ABIRAMI CLINICAL LABORATORY, 331/38, TRICHY MAIN ROAD, DADAGAPATTI, SALEM-636 006.		SRF Number	VCPL/24/05
		Receipt Date	04-01-2024
		Date of Calibration	04-01-2024
		Next Due Date	03-01-2025
		Calibrated At	ON SITE
Customer Reference : Work Order			

Details of Device Under Calibration

Description	TEMPERATURE INDICATOR OF (REFRIGERATOR)	Make	GODREJ
Model / Type	RD EDGE SX221 CT	Range	2 to 8 °C
Serial No	1606292548	Resolution	0.1 °C
Asset / ID No	-	Accuracy	As Per Manual
Location	LABORATORY	DUC Condition	Good

Enviromental Conditions		Method Used For Calibration	
Temperature	24.2 °C	Reference Standard No	DKD-R 5-7
Humidity	52 %Rh	Calibration Procedure No	VCPL / SOP-02

Details of Standard Equipment Used For Calibration

S.No	Description	ID.No / SL.No	Certificate No	Validity
1	Digital RTD Thermometer with Sensor	180508680	2023-24/EQN/2312148-01	22-Dec-2024

Calibration Result

DUC Reading	Standard Reading in °C					Standard Reading (Mean)	Error	Uncertainty
	1	2	3	4	5			
°C						°C	°C	±°C
2.0	2.02	2.01	2.03	2.02	2.02	2.02	-0.02	0.64
3.0	2.92	2.94	2.91	2.93	2.91	2.92	0.08	0.64
5.0	4.89	4.88	4.87	4.88	4.87	4.88	0.12	0.64
6.0	5.79	5.77	5.79	5.77	5.79	5.78	0.22	0.64
8.0	7.71	7.72	7.69	7.72	7.71	7.71	0.29	0.64

Remarks:

- 1.DUC is defined as Device Under Calibration.
- 2.Calibration of the DUC are traceable to National/International Standards.
- 3.Calibration Frequency shall be be deecided by the customer.
- 4.The Measurement Uncertainty is Expressed at 95.45% confidence level coverage factor K=2
5. This Certificate Refers only to the item Calibrated and shall not be reproduced in full without the written Approval of the Vanavil Calibrations
- 6.The Reported results are valid at the time of under stated condition of Measurement

Calibrated By :

M.KANNAN

(Calibration Engineer)



Authorised By :

T. SUDHAHAR,
Technical Manager

Vanavil Calibrations Pvt Ltd.