



# Hi-Tech Laboratory & Services

(A House of Measurement & Calibration)

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## CALIBRATION CERTIFICATE

(Form No. HTLS/QF/7.8.1/01 (Amendment No. 00 Dated 1st January 2020))

ULR : CC268924100005568F		Thermal Calibration		Certificate Issue Date: 08.04.2024	
Certificate No	Received On	Received Condition	Calibration On	Calibration Due	Page No.
HTLS/24/PPPL/600.01	08.06.2024	Working	08.06.2024	07.06.2025 (As per customer requirements)	1 of 1

- 1) a. Calibrated for:  
M/s. Pari Pathology Pvt. Ltd.,  
H.No: 11, Shivnagar Hinotiya,  
80 Feet Road,  
Ashoka Garden, Bhopal (M.P.).
- b. Name of Equipment /Instrument :  
Refrigerator
- c. Calibration Location: At Site

### 2) Description & Identification of Equipments / Instruments Under Calibrations (EUC\*):

Manufactured by	Model	Serial No.	Range	Location
Kelvinator	1701	35101854	2 to 8°C	Lab

### 3) Standards/ Calibrator & Measuring Equipments Used :

Standards Used	Make / I.D.No	Traceability Certificate No.	Calibrated By	Validity
Temperature Data Logger With PT-100 Sensor (12 CH)	Countron / HTLS/TDL/02/C091471	CAL/23-24/CC/260-1	NABL : CC2248	01.07.2024
Digital Thermometer (Temp. Indi. With Sensor)	Lutron / HTLS/DTI/01	HTC/2023/11/31686	NABL : CC2478	22.11.2024

The Standards used for calibration were calibrated by using reference standard traceable to National Standard.

### 4) Principle /Methodology of Calibration & Procedure :

Methodology adopted for Calibration is as per HTLS Procedure NO.HTLS/CP/TH-02

### 5) Calibration Results of Total System :

Reading Time	Standard Digital Temperature Scanner Reading in °C			
	Channel No.1 Freezer	Channel No.2 Upper Cabinet	Channel No.3 Middle Cabinet	Channel No.4 Lower Cabinet
12.30.00	-10.4	2.0	3.4	5.8
13.40.00	-10.6	2.6	3.4	5.4
14.30.00	-10.8	2.8	3.6	6.1

The values have been rounded off as per IS:2-1960(whenever applicable).

Expanded uncertainty reported is at approx 95% confidence level with K=2.  $\pm 2.4^{\circ}\text{C}$   
Temperature scale : International Temperature Scale -1990.

### 6) Environmental Condition's :

a) Temperature:  $25 \pm 2^{\circ}\text{C}$

b) Humidity:  $50 \pm 10\%$

### 7) Calibration Status & Remark :

- A Calibration Sticker has been affixed on EUC\*.
- The Refrigerator has been calibrated and status report has been given.
- Refer to report before use.

\*\*\*\*\*END OF THE CERTIFICATE\*\*\*\*\*

Calibrated by:	
NEERAJ PATEL Calibration Engineer	

Approved By :	
SANJAY BAIS Quality Manager	

