



# METSAR TECHNOLOGIES PVT. LTD.

## Calibration Laboratory



### CALIBRATION CERTIFICATE

<b>Customer Name &amp; Address</b>	<b>Certificate No.</b>	: MTPL/23/1619/12
<b>EMPLOYEE'S STATE INSURANCE CORPORATION SUPER SPECIALITY HOSPITAL,</b> Sanathnagar, Hyderabad – 500038.	<b>Equipment Received On</b>	: 21/08/2023
	<b>Equipment Condition</b>	: Satisfactory
	<b>Date of Calibration</b>	: 21/08/2023
	<b>Recommended Calibration Due</b>	: 20/08/2024
	<b>Date of Issue</b>	: 22/08/2023
<b>THERMAL DISCIPLINE</b>	<b>ULR No</b>	: CC219123000017974F

#### Details of Unit Under Calibration:

<b>Instrument Specification</b>	: Refrigerator	<b>Location</b>	: Microbiology
<b>Make</b>	: Celfrost	<b>Range</b>	: 2 to 8 °C
<b>Model</b>	: ---	<b>Resolution</b>	: 1°C
<b>Sr. No.</b>	: 101145024	<b>Unit Under Measurement</b>	: °C
<b>Id. No.</b>	: ESICSSH/MICRO/EQ 38		

#### Standard used for calibration:

Instrument Name	Instrument Sr. No. / Id No.	Certificate No.	Calibration Due On	Traceability with NABL Lab No.
4 Wire RTD with Indicator	METSAR-TH-017	MTPL/21/1428/6	24/09/2022	CC-2191


Environmental Conditions		Work Instruction Number
<b>Temperature</b>	<b>Humidity</b>	MTPL/CL/WI/TH/04
25±4 °C	30 to 75 %RH	

#### Results of Calibration

Sr. No.	Set Temperature in °C	STD Reading in °C	UUC Reading in °C	Error (±) in °C	Expanded Uncertainty (±) in °C
1	4	4.08	4	0.08	0.66

#### Remarks:

- The Standard used for calibration traceable to National/International standards through unbroken chain of Accredited Laboratories.
- The results stated in this certificate relate only to the item calibrated.
- UUC means Unit under calibration.
- The reported expanded uncertainty of measurement is stated at a confidence level of approximately 95.45% with coverage factor k=2 for a normal probability distribution.
- Results reported are valid at the time of and under the stated conditions of measurements.
- Certificate shall not be reproduced except in full without the written approval of the laboratory.
- The above UUC was calibrated at Site.

  
Calibrated By  
**CH. Sairam**  
Calibration Engineer

  
Certificate Approved By  
**M. Ramratan**  
Technical Manager

\*\*End of Calibration Certificate\*\*



MTPL/CL/FF/CC/TH/TP

**METSAR TECHNOLOGIES PVT. LTD.**

An ISO 9001-2015 Certified Company

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# METSAR TECHNOLOGIES PVT. LTD.

Calibration Laboratory



## CALIBRATION CERTIFICATE

<b>Customer Name &amp; Address</b>	<b>Certificate No.</b> : MTPL/23/1619/11
<b>EMPLOYEE'S STATE INSURANCE CORPORATION SUPER SPECIALITY HOSPITAL,</b> Sanathnagar, Hyderabad – 500038.	<b>Equipment Received On</b> : 21/08/2023
	<b>Equipment Condition</b> : Satisfactory
	<b>Date of Calibration</b> : 21/08/2023
	<b>Recommended Calibration Due</b> : 20/08/2024
	<b>Date of Issue</b> : 22/08/2023
<b>THERMAL DISCIPLINE</b>	<b>ULR No</b> : CC219123000017973F

### Details of Unit Under Calibration:

<b>Instrument Specification</b> : Refrigerator			
<b>Make</b> : Celfrost	<b>Location</b> : Microbiology		
<b>Model</b> : ---	<b>Range</b> : 2 to 8 °C		
<b>Sr. No.</b> : 101145790	<b>Resolution</b> : 1°C		
<b>Id. No.</b> : ESICSSH/MICRO/EQ 39	<b>Unit Under Measurement</b> : °C		

### Standard used for calibration:

Instrument Name	Instrument Sr. No. / Id No.	Certificate No.	Calibration Due On	Traceability with NABL Lab No.
4 Wire RTD with Indicator	METSAR-TH-017	MTPL/21/1428/6	24/09/2022	CC-2191

Environmental Conditions		Work Instruction Number
<b>Temperature</b> 25 ± 4 °C	<b>Humidity</b> 30 to 75 %RH	MTPL/CL/WI/TH/04

### Results of Calibration

Sr. No.	Set Temperature in °C	STD Reading in °C	UUC Reading in °C	Error (±) in °C	Expanded Uncertainty (±) in °C
1	5	5.37	5	0.37	0.56

### Remarks:

- The Standard used for calibration traceable to National/International standards through unbroken chain of Accredited Laboratories.
- The results stated in this certificate relate only to the item calibrated.
- UUC means Unit under calibration.
- The reported expanded uncertainty of measurement is stated at a confidence level of approximately 95.45% with coverage factor k=2 for a normal probability distribution.
- Results reported are valid at the time of and under the stated conditions of measurements.
- Certificate shall not be reproduced except in full without the written approval of the laboratory.
- The above UUC was calibrated at Site.

Calibrated By

CH. Sairam

Calibration Engineer

Certificate Approved By

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\*\*End of Calibration Certificate\*\*

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