



METSAR TECHNOLOGIES PVT. LTD.

Calibration Laboratory



CC-2191

CALIBRATION CERTIFICATE

Customer Name & Address	Certificate No. : MTPL/23/1630/13
EMPLOYEE'S STATE INSURANCE CORPORATION SUPER SPECIALITY HOSPITAL, Sanathnagar, Hyderabad – 500038.	Equipment Received On : 22/08/2023
	Equipment Condition : Satisfactory
	Date of Calibration : 22/08/2023
	Recommended Calibration Due : 21/08/2024
	Date of Issue : 23/08/2023
THERMAL DISCIPLINE	ULR No. : CC219123000018599F

Details of Unit Under Calibration:

Instrument Specification : Refrigerator			
Make : NORCOOL	Location : Pathology		
Model : ---	Range : 2 to 8 °C		
Sr. No. : 6280 9972 266	Resolution : 0.1°C		
Id. No. : ESICSSH/PATH/EQUIP-29	Unit Under Measurement : °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/22/1775/3	21/09/2023	CC-2191


Environmental Conditions		SOP Number
Temperature	Humidity	MTPL/CL/SOP/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	5.0	5.16	5.0	0.16	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.
- Certificate shall not be reproduced except in full without the written approval of the laboratory.
- Results reported are valid at the time of and under the stated conditions of measurements.
- The above UUC was calibrated at Site.


Calibrated By
CH. Sairam
Calibration Engineer


Certificate Approved By
N. Chanakya
Sr. Manager Calibration

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



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CALIBRATION CERTIFICATE

CC-2191

Customer Name & Address	Certificate No. : MTPL/23/1630/12
EMPLOYEE'S STATE INSURANCE CORPORATION SUPER SPECIALITY HOSPITAL, Sanathnagar, Hyderabad – 500038.	Equipment Received On : 22/08/2023
	Equipment Condition : Satisfactory
	Date of Calibration : 22/08/2023
	Recommended Calibration Due : 21/08/2024
	Date of Issue : 23/08/2023
THERMAL DISCIPLINE	ULR No. : CC219123000018598F

Details of Unit Under Calibration:

Instrument Specification : Refrigerator			
Make : Whirlpool	Location : Pathology		
Model : ---	Range : 2 to 8 °C		
Sr. No. : FF2D27845-19	Resolution : 1°C		
Id. No. : ESICSSH/PATH/EQUIP-32	Unit Under Measurement : °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/22/1775/3	21/09/2023	CC-2191


Environmental Conditions		SOP Number
Temperature	Humidity	MTPL/CL/SOP/TH/04
25 ± 4 °C	30 to 75 % RH	

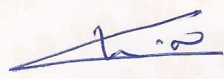
Results of Calibration

Sr. No.	Set Temperature in °C	STD Reading in °C	UUC Reading in °C	Error (±) in °C	Expanded Uncertainty (±) in °C
1	5	5.19	5	0.19	0.56

Remarks:

- The Standard used for calibration traceable to National/International standards through unbroken chain of Accredited Laboratories.
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CH. Sairam
Calibration Engineer


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N. Chanakya
Sr. Manager Calibration

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



MTPL/CL/FF/CC/TH/TP

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