



METSAR TECHNOLOGIES PVT. LTD.

Calibration Laboratory

CALIBRATION CERTIFICATE



CC-2191

Customer Name & Address	Certificate No. : MTPL/23/1607/9
EMPLOYEE'S STATE INSURANCE CORPORATION SUPER SPECIALITY HOSPITAL, Sanathnagar, Hyderabad – 500038.	Equipment Received On : 18/08/2023
	Equipment Condition : Satisfactory
	Date of Calibration : 18/08/2023
	Recommended Calibration Due : 17/08/2024
	Date of Issue : 19/08/2023
THERMAL DISCIPLINE	ULR No : CC219123000017954F

Details of Unit Under Calibration:

Instrument Specification : Deep Freezer	Location : Bio Chemistry
Make : Blue star	Range : -20°C
Model : ---	Resolution : 1°C
Sr. No. : 50CD0792	Unit Under Measurement : °C
Id. No. : ---	

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	

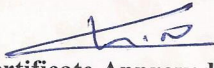
Results of Calibration

Sr. No.	Set Temperature in °C	STD Reading in °C	UUC Reading in °C	Error (±) in °C	Expanded Uncertainty (±) in °C
1	-20	-20.24	-20	0.24	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
N. Chanakya
Sr. Manager Calibration

End of Calibration Certificate

MTPL/CL/FF/CC/TH/TP

METSAR TECHNOLOGIES PVT. LTD.

An ISO 9001-2015 Certified Company