



METSAR TECHNOLOGIES PVT. LTD.

Calibration Laboratory



CALIBRATION CERTIFICATE

| | |
|--|---|
| Customer Name & Address | Certificate No. : MTPL/23/1607/3 |
| 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 : CC219123000017948F |

Details of Unit Under Calibration:

| | |
|--|------------------------------------|
| Instrument Specification : Refrigerator | Location : Bio Chemistry |
| Make : Celfrost | Range : 2 to 8 °C |
| Model : FKG 10005 | Resolution : 1°C |
| Sr. No. : 9202077 | 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 | |
| 25±4 °C | 30 to 75 %RH | MTPL/CL/SOP/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 | 5.09 | 5 | 0.09 | 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

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An ISO 9001-2015 Certified Company



METSAR TECHNOLOGIES PVT. LTD.
Calibration Laboratory



CC-2191

CALIBRATION CERTIFICATE

| | |
|--|---|
| Customer Name & Address | Certificate No. : MTPL/23/1607/4 |
| 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 : CC219123000017949F |

Details of Unit Under Calibration:

| | | | |
|--|------------------------------------|--|--|
| Instrument Specification : Refrigerator | | | |
| Make : Celfrost | Location : Bio Chemistry | | |
| Model : FKG 10005 | Range : 2 to 8 °C | | |
| Sr. No. : 9202085 | Resolution : 1°C | | |
| Id. No. : --- | 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 | |
| 25 ± 4 °C | 30 to 75 %RH | MTPL/CL/SOP/TH/04 |

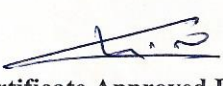
Results of Calibration

| Sr. No. | Set Temperature in °C | STD Reading in °C | UUC Reading in °C | Error (±) in °C | Expanded Uncertainty (±) in °C |
|----------------|------------------------------|--------------------------|--------------------------|------------------------|---------------------------------------|
| 1 | 5 | 5.08 | 5 | 0.08 | 0.66 |

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

MTPL/CL/FF/CC/TH/TP

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1st Floor, Garg Trade Centre, Balanagar, Medchal - Malkajgiri Dist., Hyderabad - 500 037, Telangana, INDIA. © +91 9640166643 / +91-40-29800836, info@metsartechnologies.com www.metsartechnologies.com



METSAR TECHNOLOGIES PVT. LTD.

Calibration Laboratory



CALIBRATION CERTIFICATE

| | |
|--|---|
| Customer Name & Address | Certificate No. : MTPL/23/1607/5 |
| 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 : CC219123000017950F |

Details of Unit Under Calibration:

| | | | |
|--|------------------------------------|--|--|
| Instrument Specification : Refrigerator | | | |
| Make : Bluestar | Location : Bio Chemistry | | |
| Model : SC650F | Range : 2 to 8 °C | | |
| Sr. No. : 1N5951164836 | Resolution : 1°C | | |
| Id. No. : --- | 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 | 5.23 | 5 | 0.23 | 0.66 |

Remarks:

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