

## CALIBRATION CERTIFICATE

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| 1. Customer Name:  | M/s. CHRONEVA HEALTH LAB PRIVATE LIMITED,<br>The Orclid No-68, Ground Floor, 9th main,<br>HMT Layout, RT Nagar, Bengaluru-560032. | 6. Certificate No:  | RCPL/23-24/TH/S2252-04   |   |
|--|---|---|--|---|
|  |   | 7.ULR No:   | CC221523000014578F   |   |
|  |   | 8.Date of ISSUE:  | 02-11-2023   |   |
| 2.SRF NO:  | S2252   | 9.Date of Calibration:  | 26-10-2023   |   |
| 3. Date of SRF/Receipt:  | 26-10-2023  | 10. Next Cal Due:   | 25-10-2024   |   |
| 4. Discipline:   | Thermal Calibration   | 11. Calibration SOP No:   | RCPL/SOP/TH-09   |   |
| 5. Calibrated At:  | Onsite  | 12. Condition of DUC on Receipt:  | Functional   |   |
| 13.ENVIRONMENTAL CONDITION: Temperature: 20 to 40°C / Humidity: ≤70%R.H  |   |   |  |   |
| 14. DUC DETAILS:   |   |   |  |   |
| Nomenclature :   | Temperature Controller with Sensor of AUTOCLAVE   | Serial No:  | -----  |   |
| Make & Model :   | ----- & -----   | ID No:  | CHVL_BLR_A_004   |   |
| Range :  | 121°C   | Resolution:   | 1°C  |   |
| Location :   | LAB   |   |  |   |
| 15. STANDARD INSTRUMENT USED:  |   |   |  |   |
| Nomenclature:  | RTD WITH INDICATOR  | Serial No:  | Sen: 1591, Ind: 14F237012  |   |
| Make & Model :   | TEMPSENS & TEMPMET-08   | Cal Due Date:   | 18-09-2024   |   |
| Range :  | -80 to 400°C  | Traceable to:   | TEMPSENS, Udaipur  |   |
| Certificate No:  | TL/023/1088.1.2   |   |  |   |
| 16.CALIBRATION RESULTS:  |   |   |  |   |
| Sl.No  | Standard Meter Reading (°C)   | DUC Set (°C)  | Error Obtained (°C)  | Expanded Measurement Uncertainty ± (°C) |
| 1  | 121.32  | 121   | -0.32  | 0.59                                    |
| 17.REMARKS & CONCLUSION:   |   |   |  |   |
| a. Reported Values of STD & DUC are Average of 5 Trials.   |   |   |  |   |
| b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.00.                |   |   |  |   |
| c. Calibration Points & Due date is given as per Customer Request.   |   |   |  |   |
| d. Temperature Scale: International Temperature Scale-1990(ITS-90)   |   |   |  |   |
| e. Measurement results are Traceable to National standard.   |   |   |  |   |
| Calibrated By  |   |   |  |   |
| <br>PRASHANTH G<br>CALIBRATION ENGINEER |   |  | <br>Authorized Signatory<br>DY. TECHNICAL MANAGER |   |
| ***End of Certificate***   |   |   | FM-GL-29   |   |

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|                         |   |                                  |                        |
|-------------------------|---|----------------------------------|------------------------|
| 1. Customer Name:       | M/s. CHRONEVA HEALTH LAB PRIVATE LIMITED.,<br>The Orclid No-68, Ground Floor, 9th main,<br>HMT Layout, RT Nagar, Bengaluru-560032 | 6. Certificate No:               | RCPL/23-24/ML/S2252-03 |
|                         |   | 7. ULR No:                       | CC221523000014512F     |
|                         |   | 8. Date of Issue:                | 03-11-2023             |
| 2. SRF NO:              | S2252   | 9. Date of Calibration:          | 26-10-2023             |
| 3. Date of SRF/Receipt: | 26-10-2023  | 10. Next Cal Due:                | 25-10-2024             |
| 4. Discipline:          | Mechanical Calibration  | 11. Calibration SOP no:          | RCPL/SOP/ML-01         |
| 5. Calibrated At:       | Onsite  | 12. Condition of DUC on Receipt: | Functional             |

13. ENVIRONMENTAL CONDITION: Temperature: 25.4°C Humidity: 54% R.H

### 14. DUC DETAILS:

|                |                       |              |                |
|----------------|-----------------------|--------------|----------------|
| Nomenclature : | Analog Pressure Gauge | Serial No:   | --             |
| Make & Model : | --                    | Code/ID No : | CHUL_BLR_A_004 |
| Range :        | 0 to 2 bar            | Resolution:  | 0.02 bar       |
| Location:      | Autoclave             |              |                |

### 15. STANDARD INSTRUMENT USED:

|                 |                            |               |                            |
|-----------------|----------------------------|---------------|----------------------------|
| Nomenclature:   | Pressure Calibrator        | Serial. No:   | 18131701                   |
| Make/Model :    | R & D Instruments & APC 40 | Cal Due Date: | 25-01-2024                 |
| Range :         | -1 to 40 bar               | Traceable to: | R & D Instruments, Chennai |
| Certificate No: | CS/22/LB/MP/674-02         |               |                            |

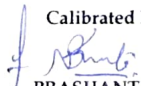
### 16. CALIBRATION RESULTS:

#### Pressure

| Sl. No. | Standard Reading (bar) | DUC Reading (bar) | Error Obtained (bar) | Hysteresis (bar) | Measurement Uncertainty ± (bar) |
|---------|------------------------|-------------------|----------------------|------------------|---------------------------------|
| UP      |                        |                   |                      |                  |                                 |
| 1       | 0.000                  | 0.00              | 0.000                | 0.000            | --                              |
| 2       | 0.402                  | 0.40              | -0.002               | 0.001            | 0.00                            |
| 3       | 0.805                  | 0.80              | -0.005               | 0.001            | 0.00                            |
| 4       | 1.208                  | 1.20              | -0.008               | 0.003            | 0.00                            |
| 5       | 1.611                  | 1.60              | -0.011               | 0.002            | 0.00                            |
| 6       | 2.015                  | 2.00              | -0.015               | 0.000            | 0.00                            |
| DOWN    |                        |                   |                      |                  |                                 |
| 7       | 2.015                  | 2.00              | -0.015               | 0.000            | 0.00                            |
| 8       | 1.610                  | 1.60              | -0.010               | 0.002            | 0.00                            |
| 9       | 1.205                  | 1.20              | -0.005               | 0.003            | 0.00                            |
| 10      | 0.804                  | 0.80              | -0.004               | 0.001            | 0.00                            |
| 11      | 0.401                  | 0.40              | -0.001               | 0.001            | 0.00                            |
| 12      | 0.000                  | 0.00              | 0.000                | 0.000            | --                              |

### 17. REMARKS & CONCLUSION:

- Reported Values of DUC are Average of 3 Up and 3 Down Trials.
- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.
- Calibration certificate issued for pressure Gauge is used for scientific or industrial purpose only.
- Calibration is done as per DKD-R 6-1 Guidelines.
- The Std used for calibration were calibrated and Traceable to National/International Standards.

Calibrated By  
  
PRASHANTH G  
CALIBRATION ENGINEER



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

Authorized Signature  
  
MANJUNATH CHANDAKI  
DY TECHNICAL MANAGER  
Bengaluru

EM-GL-77