

## CALIBRATION CERTIFICATE

1. Customer Name:	M/s. CHRONEVA HEALTH LAB PRIVATE LIMITED., The Orclid No-68, Ground Floor, 9th main, 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:

- Reported Values of STD & DUC are Average of 5 Trials.
- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.00.
- Calibration Points & Due date is given as per Customer Request.
- Temperature Scale: International Temperature Scale-1990(ITS-90)
- Measurement results are Traceable to National standard.

Calibrated By

*F. Hanay*

PRASHANTH G  
CALIBRATION ENGINEER



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



DY. TECHNICAL MANAGER

FM-GL-29

## CALIBRATION CERTIFICATE

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1 Customer Name	M/s. CHROSEVA HEALTH LAB PRIVATE LIMITED, The Old No.48, Ground Floor, 9th main, 11st Cross, RT Nagar, Bangalore 560017	6. Certificate No.	RC/PT/74/34/V40/20220109
2 SRI No	5225	7. IIR No.	CI 22152/00001451/PT
3 Date of SRI/Receipt	26-10-2023	8. Date of Issue	05-11-2023
4 Discipline	Mechanical Calibration	9. Date of Calibration	26-10-2023
5 Calibrated At	5.5mtr	10. Next Cal Due	25-10-2024
		11. Calibration 'QCP' no	RC/PT/74/07/V41/01
		12. Condition of DMC on Receipt	Fair/Normal

13. ENVIRONMENTAL CONDITION: Temperature: 23.4°C Humidity: 94% RH

### 14. DMC 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 $\pm$ (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