

**CERTIFICATE OF CALIBRATION**



No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.  
Ph : 080-23377266, Mob : 9986586789 / 9632221171 / 9964308118 | Email : info@viplgroup.com Web : www.viplgroup.com

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

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**1 Name and Address of the Customer**

M/s.: Adichunchanagiri Hospital & Research Centre,  
Balagangadharanatha Nagara - 571 448.  
Nagamangala Taluk, Mandya District, Karnataka.

**2 Customer Reference**

- 2.1 ULR No. : CC247324500059594F
- 2.2 SRF No. : 1292
- 2.3 Certificate No. : VI/24-25/1292-04
- 2.4 Format No. : VI-FRM-TH-006 & VI-FRM-ME-001
- 2.5 Date of Issue : 01-07-2024

**3 Details Of Device Under Calibration(DUC).**

- 3.1 Nomenclature : Autoclave
- 3.2 Make : -----
- 3.3 ID.No. : BME/LAB/0608
- 3.4 DUC Condition : Satisfactory
- 3.5 Calibration Procedure No. : SOP-38-06 & SOP-16-01
- 3.6 No.of Pages : 2
- 3.7 Calibration Date : 29-06-2024
- 3.8 Calibration Due : 28-06-2025
- 3.9 Calibration done at : Onsite
- 3.10 Instrument Location : Microbiology
- 3.11 Discipline : Thermal & Mechanical

**4 Environmental Condition**

Temperature 25.2 - 27.2 °C Humidity 50 - 60 %RH

**5 Standards Used for Temperature Calibration**

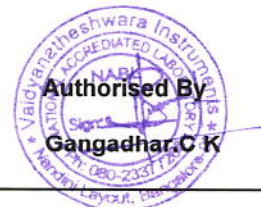
Sl. No.	Nomenclature	Make / Model	ID.No	Cal Agency	Certificate. No.	Validity
1	Paperless Recorder	Brain Child / VR-18	VI/OS/PR-03	VI, Bangalore	VI/24-25/INT-ET-422	09-10-2024
2	RTD Sensor	Frontier / ----	VI-RTD-01	VI, Bangalore	VI/23-24/INT-TH-100-01	12-08-2024
3	Digital Pressure Gauge	Altop / APCAL-N6100	VI/OS/DPG-04	VI, Bangalore	VI/23-24/INT-ME-520-01	19-03-2025

**6 Note:**

- 6.1.The Calibration Certificate relates only to the above DUC
- 6.2.Publication or reproduction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of VI.
- 6.3.Corrections/erasing, invalidate the Calibration Certificate.
- 6.4.Calibration of the DUC are traceable to National standards/International Standards
- 6.5.Any error in this Certificate should be brought to our knowledge within 30 days from the date of this Cert.
- 6.6.Results Reported are valid at the time of and under the stated conditions of measurements.
- 6.7.The usage of NABL Symbol is as per NABL guidelines given in NABL-133

Calibrated By  
*Nived*  
Nived  
(Calibration Engineer)

Checked By  
*Umesh D*  
Umesh D  
(Onsite In-Charge)



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Results:

Temperature :

Range : Ambient to 121 °C

SI No	STD Reading (°C)	DUC Reading (°C)	Error Observed (°C)	Measurement Uncertainty ± (°C)	k Factor
1	121.1	121	-0.1	0.732	2.0

Pressure Gauge Results :

Range / Resolution : 0 to 2 Kg/cm<sup>2</sup> / 0.05 Kg/cm<sup>2</sup>

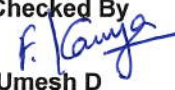
PRELOADING TEST RESULTS			
	Spec (sec)	Actual(sec)	Conclusion
	30	33	No Pressure Drop
Second Pre-Load	30	32	No Pressure Drop
Third Pre-Load	30	33	No Pressure Drop

Sl. No.	DUC Reading (S) (Kg/cm <sup>2</sup> )	Value of Master				Error $\{[(m1+m3)/2+m2]/2\}$ -S (Kg/cm <sup>2</sup> )	Expanded Uncertainty (±bar)
		Ascending Pressure (m1) (Kg/cm <sup>2</sup> )	Descending Pressure (m2) (Kg/cm <sup>2</sup> )	Ascending Pressure (m3) (Kg/cm <sup>2</sup> )			
1	0.00	0.000	0.000	0.000	0.000	-----	
2	0.50	0.503	0.503	0.504	0.003	0.0283	
3	1.00	1.007	1.007	1.008	0.007	0.0283	
4	1.50	1.509	1.509	1.510	0.009	0.0283	
5	2.00	2.013	2.013	2.013	0.013	0.0283	

Conclusion / Remarks:

1 Measurement Uncertainty reported is at 95.45 % confidence level with k = 2.

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