



# Quality Certification & Laboratories

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## CALIBRATION CERTIFICATE

Unique Lab Report No. : ULR-CC315823000004681F Page 1 of 1  
Certificate No. : QCL/DEL/CAL/23122901.01 SRF No. : QCL/23122901  
Date of Calibration: 29.12.2023 Suggested Due Date: 29.12.2024  
Date of Receipt of Instruments: 29.12.2023 Date of Issue: 30.12.2023

### Customer Name & Address:

M/s: National Clinical Laboratory,  
Opp. R.K Joshi Government Hospital,  
Dausa, Distt. DAUSA Rajasthan - 303303.

### Description of Instrument:

Name :	Autoclave	Range :	0-150 °C & 0-2.1 Kg/cm <sup>2</sup>
Make :	Indo Surgical	Least Count :	1 °C & 0.05 Kg/cm <sup>2</sup>
S. No. :	----	Accuracy :	----
Model No. :	45002	Performed at :	Site
Location:	Microbiology and Infectious Disease Serology	Visual Inspection :	OK
Customer Id:	NCL/MS/AC/01	Zero Error :	Nil

### Environmental Condition:

Temperature : 25°C ± 5°C Humidity : 45% to 75%

### Methodology of Calibration:

Reference Standard: IS : ITS-90 & DKD R6-1 Work Instruction No. : QCL/WI/MED/27

### Standard & Major Equipment (s) Used for calibration:

S.No.	Instrument Name	Make	S. No./Model No.	Certificate No.	Calibrated By	Valid Upto
1.	High Precision Dig. Thermometer	Udain	---	CC358823000002698F	Emm-Tech	11.07.2024
2.	Dig. Pressure Gauge	Vijay	VET1305041	ATCL/220827/1-1	Adcon	25.07.2024

### Calibration Result: Autoclave-Digital Temperature Controller with sensor

S. No.	UUC Value in °C	Standard Value in °C	Error in °C	Uncertainty of Measurement (±)
1.	121	121.216	-0.216	± 0.8 °C

### Calibration Result: Autoclave-Pressure Gauge

S. No.	UUC Value in kg/cm <sup>2</sup>	UUC Value in bar	Standard (Avg.) Value in bar	Error in bar	Uncertainty of Measurement
1.	1.05	1.03	1.053	-0.023	± 2.1% rdg

(The reported expanded Uncertainty in measurement is stated as the standard uncertainty in measurement multiplied by the coverage factor k = 2, which for a normal distribution corresponds to a coverage probability of approximately 95%)

### Note:

- \*The calibration results reported in this calibration certificate are valid at the time of & under stated conditions of measurement.
- \*This certificate cannot be reproduced except in full without our prior permission in writing.
- \*This certificate refers only to the particular item (s) calibrated.
- \*Laboratory standard are traceable to national standards.
- \*UUC: Unit Under Calibration
- \*Is not in our NABL Scope Of Accreditation

Prepared By		Approved By	
Customer Service Cell	(Sheikh Salman)	Technical Manager	(Rajesh Kumar)

