



# NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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## CALIBRATION CERTIFICATE OF : PRESSURE GAUGE

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LR No.:	CC330422000012907F	Issue Date:	5-Jan-2023
Calibration Certificate No.:	NCE-PG-22012907-22-23	Next Calibration Due On :	3-Jan-2024
Date of Calibration:	3-Jan-2023	Instrument Receipt Date :	3-Jan-2023
Order No.:	-		
Issued to:	M/s : Dey's Medical Stores Pvt. Ltd. Minerva Garden Complex, D.H Road, Joka, 24 Pgs(S), Kolkata-700104		

### Description of instrument

Instrument Name:	Pressure Gauge	Location:	Sparkler Filter
Unit:	Mass	Least Count:	0.2 kg/cm <sup>2</sup>
Scale:	Range: (0 to 7) kg/cm <sup>2</sup>	Calibration Done:	On Site
Model:	Sr. No.: -	Discipline:	Mechanical
Identification No.:	DMJP-11	Recommended Environmental Condition:	
Calibration Procedure:	SOP/PG/P-01	Temperature	24°C ± 2°C
Standard reference No.:	DKD-R6-1	Humidity	50 ± 10% RH
Environmental Condition during Calibration:	24.4°C	56.8% RH	

### Details of Standard Equipment used for Calibration

Traceability: Standards used for calibration are traceable to National / International Standards through ISO/IEC: 17025 accredited laboratory

No.	Description	Certificate No.	Calibration Date	Due On	Calibration Agency
1	Digital Pressure Gauge	TSC/21-22/15254-1	27/01/2022	26/01/2023	Transcal

### Calibration Results

No.	DUC Set in kg/cm <sup>2</sup>	Ascending			Descending		
		Corresponding Value in bar	Std. Observed value (Average) in bar	Error in bar	Corresponding Value in bar	Std. Observed value (Average) in bar	Error in bar
1	0.98	0.98	0.996	-0.015	0.98	0.990	-0.009
2	1.96	1.96	1.978	-0.017	1.96	1.973	-0.012
3	2.94	2.94	2.962	-0.020	2.94	2.958	-0.016
5	4.90	4.90	4.934	-0.031	4.90	4.929	-0.026
7	6.86	6.86	6.899	-0.034	6.86	6.899	-0.034

Measurement Uncertainty reported is at approximately 95% confidence level with k=2, Units of Measurement results & Measurement Uncertainty are same as the parameter indicated. All the readings are converted kg/cm<sup>2</sup> to bar. 1 kg/cm<sup>2</sup> = 0.98 bar

- Note:
- i) This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements
  - ii) NABL-111 guidelines are adopted for use of NABL symbol
  - iii) DUC: Device Under Calibration
  - iv) Physical Status Of DUC : Ok
  - v) The certificate if produced for any purpose commercial or otherwise should be reproduced in full. Partial of the certificate or an abstract thereof has to be approved from the technical and the quality manager of this job

This certificate, issued by Nutech Calibrators & Engineers, refers only the particular item submitted to calibrate.

Calibrated By: B. Bera  
(C. E.)



Approved By: S. Ghosh  
(T.M.)

\*\*END OF CERTIFICATE\*\*