



NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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Format No.:	F/NCE/LAB/20	CALIBRATION CERTIFICATE OF : PRESSURE GAUGE	
LR No.:	CC330422000012908F		
Calibration Certificate No.:	NCE-PG-22012908-22-23	Issue Date:	5-Jan-2023
Date of Calibration:	3-Jan-2023	Next Calibration Due On :	3-Jan-2024
Order No.:		Instrument Receipt Date :	3-Jan-2023
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
Model:	K1
Range:	(0 to 7) kg/cm ²
Location:	Sparkler Filter
Serial No.:	Sr. No.:-
Least Count:	0.2 kg/cm ²
Identification No.:	DMJP-10
Calibration Done:	On Site
Discipline:	Mechanical
Calibration Procedure:	SOP/PG/P-01
Standard reference No.:	DKD-R6-1
Environmental Condition during Calibration:	Temperature: 24.4°C, Humidity: 56.8% RH
Recommended Environmental Condition:	
Temperature	24°C ± 2°C
Humidity	50 ± 10% 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

S. No.	DUC Set in kg/cm ²	Ascending			Descending			U/C on measurement (% of rdg)
		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	1	0.98	0.996	-0.015	0.98	0.992	-0.011	± 1.17
2	2	1.96	1.980	-0.019	1.96	1.976	-0.015	
3	3	2.94	2.966	-0.024	2.94	2.959	-0.017	
4	5	4.90	4.933	-0.030	4.90	4.928	-0.025	
5	7	6.86	6.898	-0.033	6.86	6.898	-0.033	

Note: Measurement Uncertainty reported is at approximately 95% confidence level with k=2. Units of Measurement results & Measurement Uncertainty are same as that of range selected, otherwise indicated. All the readings are converted kg/cm² to bar 1 kg/cm² = 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-133 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 got specifically 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.

Prepared By: B.Bera *B. Bera*
(C. E.)



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

****END OF CERTIFICATE****