



# NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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Format No.:	F/NCE/LAB/20	<b>CALIBRATION CERTIFICATE OF : PRESSURE GAUGE</b>	
R No.:	CC330422000012910F		
Calibration Certificate	NCE-PG-22012910-22-23	Issue Date:	5-Jan-2023
Year of Calibration:	3-Jan-2023	Next Calibration Due On :	3-Jan-2024
Instrument No.:	-	Instrument Receipt Date :	3-Jan-2023
Issued to	M/s: Dry'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:	Air Dryer
Unit:	kg/cm <sup>2</sup>	Least Count:	0.5 kg/cm <sup>2</sup>
Range:	(0 to 21) kg/cm <sup>2</sup>	Calibration Done:	On Site
Sr. No.:	-	Discipline:	Mechanical
Identification No.:	DMJP-51	Recommended Environmental Condition:	
Calibration Procedure:	SOP/PG/P-01	Temperature	Humidity
Barid reference No.:	DKD-R6-1	24°C ± 2°C	50 ± 10% RH
Operational 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
	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
	5	4.90	4.884	0.019	4.90	4.886	0.017
	10	9.81	9.781	0.026	9.81	9.785	0.022
	15	14.71	14.676	0.034	14.71	14.677	0.033
	20	19.61	19.574	0.039	19.61	19.578	0.035
	21	20.59	20.552	0.042	20.59	20.552	0.042

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

This Calibration Certificate refers only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements

(i) NABL- (CI) guidelines are adopted for use of NABL symbol.

(ii) DUC: Device Under Calibration.

(iv) Physical Status Of DUC : Ok

This 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 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.

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



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

\*\*END OF CERTIFICATE\*\*