

NATIONAL CENTRE FOR QUALITY CALIBRATION

4, Abhishree Corporate Park, Nr. Swagat Bungalows BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad-380 058 Ph. +91-79-29795322, 29795323 • Fax: +91-79-29795323, Cell No. +91-9327017517, +91-9328616370

E-mail: ncqc@calibrationlaboratory.in, • calibrationlab.ncqc@gmail.com

Visit our Web Site: www.calibrationlaboratory.in



Precision Calibration with National / International Traceability for Temperature, Dimensional, Pressure, Vacuum, Time, Mass, Electrical, Noise, Airflow, Lux & all Special Purpose Instruments in all ranges.

			_	alibration	C		-			
			C	alibration	Certific	cate				
Name of Custome	ree Vigl	Certificate No.			QC-M/230523/16					
	perspec		f Issue		-05-2023					
1-22,SN 159,Nahata Nagar, Nakane Road							f Calibration		-05-2023	
Dhule - 424002									-05-2024	
Date Of Receipt / Ref. No. → 22-05-2023							F/CR/M/067/02/1, Issue No.03			
						Page 1 of 2				
ULR - CC212823000002943F			Discipline → Mechanical Calibration, Mass & Volume							
Details of Observation of Unit Under Calibration			Identification No. : SVH/MP-3 Serial No. : PJ563579 Name of Instrument : Micro Pipette							
Range Least count Make / Model	5 – 50 μl 0.5 μl Mannhein				Initial Erro Visual Ins Barometr Location	spection		Nil Ok 1000 ± Laborat		
Quantity of water delivered from UUC in μl	Observed qty. of Water in µl @ 27°C		Systematic Error in µl	Water temperature in °C		Random Error in µl		Expanded Uncertainty (±) in μl		
5.0	4.94			-0.06	25.4		0.03		0.10	
25.0	24.86			-0.14	25.4		0.06		0.10	
50.0	49.79		-0.21	25.4		0.04		0.10		
Remarks:										

- Averages of minimum ten readings are reported.
- Suggested due date is given based on customer requirements.
- Calibration points are given based on customer requirements.
- These results are obtained at the time of calibration.
- Condition of instrument found satisfactory during receipt.
- Location of performance of calibration → At Lab.
- Any hand written corrections (except @) or photocopies in the report invalidates this certificate.
- Environment condition during calibration: 25 ± 1°C, 40 to 60% Rh.

 Average temperature → 25.5 °C and average humidity 48.3 % Rh during calibration of instruments.

 No external provider was used for calibration and hence it is not applicable.
- Result relates to the item calibrated only.
- Uncertainty of measurement at 95% confidence level with coverage factor k = 2.
- Reference Standard No. ISO 8655 Part -6.
- Reference calibration method no.: NCQC/CM/M/067.
- Our masters are directly calibrated through NABL accredited calibration laboratory having direct traceability with National / international standard.

Traceable To National / International Standards.

Calibrated By

Himanshu Parbadiya

Reviewed & Approved By

Jigar Panchal

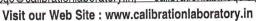
NCQC DEFINES CALIBRATION AS "Precision and Reliability of Instruments for Your Better Tomorrow"



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Calibration Certificate										
Name of Custo	mer →	Shree Vig	Certificate No.	NCQC-M/230523/16						
		Superspe	Date of Issue	23-05-2023						
		1-22,SN 159,	Date of Calibration	23-05-2023						
		Dhule - 4240	Suggested Due Date 22-05-2024							
Date Of Receipt / Ref. No.→ 22-05-2023					F/CR/M/067/02/1, Issue No.03 Page 2 of 2					
Details of Observation of Unit			Identification No.		SVH/MP-3					
Under Calibration		or offic	Serial No.	:	PJ563579					
		Name of Instrument			Micro Pipette					
Details of master Instrument Used for Calibration										
Nomenclature M			ake / Model		ld. No. / Sr. No.	Calibration Due Date				
Reference Weight box (E ₁ class)		Weig	htronics / ====	NCQC/M - 47 / NCQC/M/W/E1/04		14-03-2024				
Weighing Balance		Sartorious	/ MSU225S-100-DU	33404509 / NCQC/M - 119		====				
Temperature Data Logger with Sensor		Elite	ch / RC – 4HC	NCQC/T-207 / EF7186H00563		13-03-2024				
NCQC System Certificate No.	Certificate No. & Traceability of Master with National Standards									
262	Our master Weight Box is calibrated and traceable to National Standard through NABL accredited Laboratory M.M.D Kantawala calibration Laboratory, Certificate no. MMD/150321/01, Date – 15-03-2021.									
381	Our master Temp. Data logger with sensor is calibrated and traceable to National Standard through NABL accredited Laboratory EIE Instruments Pvt. Ltd., Certificate no. EIE/T/23367, Date – 14-03-2023.									

Traceable To National / International Standards.

Calibrated By

Himanshu Parbadiya

Reviewed & Approved By

Jigar Panchal