

NAVASHVAR CALIBRATION SERVICES

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NAVASHVAR

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CC-3145

CALIBRATION CERTIFICATE

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ULR Number: CC314524000001312F

Customer Name and Address: M/s. ENGADOCTOR MEDICAL DIAGNOSTIC CENTRE 10j,1, Trivandrum Road, Opposite Mary Sargent School, Palayamkottai, Tirunelveli - 627002.	Certificate No	: CC-24/25-L-017/01
	SRF No	: SRF-24/25-L-017
	Date of Receipt	: 19/06/2024
	Date of Calibration	: 19/06/2024
	Due Date of Calibration	: 18/06/2025
	Date of Issue	: 21/06/2024

Details of Unit Under Calibration

Description	: Micropipette	Model	: --
Make	: --	ID.No	: --
Range	: 0 to 100 µl	Condition of UUC	: Good
Resolution	: 1 µl	Calibrated At	: Lab
Serial Number	: QE593649		
Instrument Location	: --		

Details of Reference Standard

Sl.No.	Description	ID.No/Sr.No	Certificate Number	Validity
1	Weighing Balance	NCS/WB01	TSC/23-24/5424-1	27/06/2024

Environmental Condition				Reference Standard	ISO 8655-6
Temperature (°C)	24.3	Atmospheric Pressure (mbar)	1009	Calibration Procedure	V-01
Humidity (%RH)	47	Water Temperature (°C)	27.7	Calibrated By	M. Hemamalini

Calibration Results

Results of Calibration in µl

Z Factor : 1.0048

Sl.No.	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	9.93	9.99	9.97	10.03	9.97	9.97	-0.03	0.04	0.39
		10.02	9.96	9.94	9.90	9.98				
2	50	50.00	50.01	49.94	49.80	49.91	49.96	-0.04	0.07	0.39
		49.94	50.00	50.05	49.96	50.00				
3	100	100.54	100.52	100.58	100.49	100.54	100.53	0.53	0.03	0.39
		100.56	100.51	100.53	100.56	100.50				

Note:

- The Standards used are traceable to National / International Standards.
- This Certificate refers only to the item calibrated and shall not be reproduced in full without the written approval of the issuing laboratory.
- This Certificate is not valid unless it is signed by the authorized signatory.
- Next Calibration due date mentioned as per customer requirement.
- The result is valid at the time of and under the stated conditions of measurement.
- The measurement confidence level is 95.45% with coverage factor K=2.
- UUC stands for Unit Under Calibration.
- Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696
- The Decision Rule will be applied based on the statement of conformity requested by the customer.



Authorised Signatory

A. Saranraj

A. Saranraj
Technical Manager