

NAVASHVAR CALIBRATION SERVICES

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NAVASHVAR

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CC-3145

CALIBRATION CERTIFICATE

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ULR Number: CC314524000001502F

Customer Name and Address: M/s. LAKSHMI DIAGNOSTIC CENTRE No: 56, Gandhi Road, Panruti, Cuddalore-607106.	Certificate No	: CC-24/25-L-027/01
	SRF No	: SRF-24/25-L-027
	Date of Receipt	: 08/08/2024
	Date of Calibration	: 08/08/2024
	Due Date of Calibration	: 07/08/2025
	Date of Issue	: 10/08/2024

Details of Unit Under Calibration			
Description	: Micropipette	Model	: NA
Make	: Avantor	ID.No	: --
Range	: 100 to 1000 µl	Condition of UUC	: Good
Resolution	: 1 µl	Calibrated At	: Lab
Serial Number	: LDC-001		
Instrument Location	: --		

Details of Reference Standard				
Sl.No.	Description	ID.No/Sr.No	Certificate Number	Validity
1	Weighing Balance	NCS/WB01	TSC/24-25/5525-1	23/06/2025

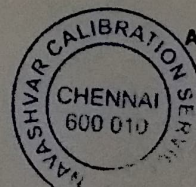
Environmental Condition				Reference Standard	ISO 8655-6
Temperature (°C)	24.3	Atmospheric Pressure (mbar)	1003	Calibration Procedure	V-01
Humidity (%RH)	49	Water Temperature (°C)	27.6	Calibrated By	M. Hemamalini

Calibration Results

Results of Calibration in µl										Z Factor : 1.0041
Sl.No.	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.86	99.79	99.89	99.78	99.84	99.83	-0.17	0.05	0.39
		99.76	99.88	99.89	99.83	99.84				
2	500	499.88	499.82	501.31	499.42	499.57	500.20	0.20	0.98	1.2
		501.63	499.42	499.51	501.83	499.65				
3	1000	999.31	1002.00	999.56	1001.74	999.54	1000.24	0.24	1.09	1.2
		999.28	1001.50	999.86	1000.31	999.31				

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