

# NAVASHVAR CALIBRATION SERVICES

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**NAVASHVAR**

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CC-3145

## CALIBRATION CERTIFICATE

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ULR Number: CC314524000001503F

<b>Customer Name and Address:</b> M/s. LAKSHMI DIAGNOSTIC CENTRE No: 56, Gandhi Road, Panruti, Cuddalore-607106.	<b>Certificate No</b>	: CC-24/25-L-027/02
	<b>SRF No</b>	: SRF-24/25-L-027
	<b>Date of Receipt</b>	: 08/08/2024
	<b>Date of Calibration</b>	: 08/08/2024
	<b>Due Date of Calibration</b>	: 07/08/2025
	<b>Date of Issue</b>	: 10/08/2024

### Details of Unit Under Calibration

<b>Description</b>	: Micropipette	<b>Model</b>	: NA
<b>Make</b>	: Avantor	<b>ID.No</b>	: --
<b>Range</b>	: 10 to 100 µl	<b>Condition of UUC</b>	: Good
<b>Resolution</b>	: 1 µl	<b>Calibrated At</b>	: Lab
<b>Serial Number</b>	: LDC-002		
<b>Instrument Location</b>	: --		

### 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

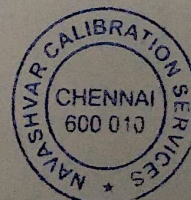
Environmental Condition				Reference Standard	ISO 8655-6
Temperature (°C)	24.8	Atmospheric Pressure (mbar)	1007	Calibration Procedure	V-01
Humidity (%RH)	49	Water Temperature (°C)	27.3	Calibrated By	M. Hemamalini

### 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	20	20.84	19.65	18.65	20.72	21.09	20.11	0.11	1.14	0.39
		18.21	21.01	20.99	18.87	21.03				
2	50	49.50	49.35	49.86	50.18	49.91	49.88	-0.12	0.26	0.39
		49.94	50.06	50.05	49.96	50.00				
3	100	100.50	100.47	99.10	100.53	100.54	100.38	0.38	0.45	0.39
		100.56	100.51	100.53	100.55	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

Document Number: NCS-L04-R42

— End of Certificate —