

NAVASHVAR CALIBRATION SERVICES

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NAVASHVAR

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CALIBRATION CERTIFICATE

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ULR Number: CC314524000001313F

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-017/02
	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 Make : -- Range : 0 to 1000 µl Resolution : 1 µl Serial Number : QE593881 Instrument Location : --	Model : -- ID.No : -- Condition of UUC : Good Calibrated At : Lab Operating Range : --

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)	1002	Calibration Procedure	V-01
Humidity (%RH)	49	Water Temperature (°C)	27.5	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	100.04	99.53	99.64	99.99	99.57	99.85	-0.15	0.33	0.39
		99.90	99.57	100.28	100.43	99.57				
2	500	501.28	501.31	501.20	501.79	501.57	501.02	1.02	0.65	1.2
		501.66	499.80	500.69	500.36	500.52				
3	1000	999.31	1000.26	1000.65	1001.22	1000.17	1000.54	0.54	0.62	1.2
		1000.87	1001.28	1000.19	1001.23	1000.26				

- 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 ---