

# NAVASHVAR CALIBRATION SERVICES

No. 303, Anand Building, Room No: 09, First Floor,  
Poonamallee High Road, Kilipauk, Chennai - 600 010.

Ph : +91-9087221939, 9791503514.

E-mail: navashvar.info@gmail.com, Website : www.navashvar.com



## CALIBRATION CERTIFICATE

ULR Number: CC314523000001593F

<b>Customer Name and Address:</b> M/s. ARUNA DIAGNOSTIC CENTRE No: 657/3 NH.45, Trichy Main Road, Veppur-606304.	
<b>Certificate No</b> : CC-23/24-S-011/01	<b>Date of Receipt</b> : 21/04/2023
<b>SRF No</b> : SRF-23/24-S-011	<b>Date of Calibration</b> : 21/04/2023
<b>ID.No</b> : NA	<b>Due Date of Calibration</b> : 20/04/2024
<b>Model</b> : MK432859	<b>Date of Issue</b> : 24/04/2023

<b>Details of Unit Under Calibration</b>	
<b>Description</b> : Micropipette	<b>Make</b> : Brand
<b>Range</b> : 5 to 50 µl	<b>Resolution</b> : 1 µl
<b>Serial Number</b> : SADC-001	<b>Instrument Location</b> : --
<b>Details of Reference Standard</b>	
<b>SI.No.</b> : 1	<b>Description</b> : Weighing Balance
<b>ID.No/Sr.No</b> : NCS/WB01	<b>Certificate Number</b> : TSC/22-23/4124-1
<b>Validity</b> : 09/06/2023	

<b>Environmental Condition</b>			
<b>Reference Standard</b> : ISO 8655-6	<b>Atmospheric Pressure (mbar)</b> : 1005	<b>Water Temperature (°C)</b> : 27.5	<b>Calibrated By</b> : M. Hemamalini
<b>Temperature (°C)</b> : 27±3	<b>Humidity (%RH)</b> : 45 to 80		

Calibration Results										
Results of Calibration in µl										
SI.No.	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		10.02	9.96	10.00	9.99	10.01				
1	10	10.00	9.98	10.00	9.99	10.01	9.99	-0.01	0.02	0.39
		9.96	9.99	10.00	9.99	10.01				
2	30	30.00	30.01	29.99	30.03	30.02	30.02	0.02	0.03	0.39
		30.00	30.01	29.99	30.03	30.02				
3	50	49.88	49.86	49.81	49.82	49.87	49.87	-0.13	0.05	0.39
		49.90	49.96	49.91	49.85	49.80				

**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  
Technical Manager