



VANAVIL CALIBRATIONS PVT. LTD

(A Unit of Rainbow Bio Medical Engineers)

वानाविल केलिब्रेशनस

S2, Rishi Maharaj Apartment, Indra Nagar,
250 Reddiyur Main Road, Narasothipatty, Salem - 636 004. Tamilnadu

CALIBRATION CERTIFICATE

Page 01 of 01

ULR Number: NA

Customer Name and Address: M/s. SRI ABIRAMI CLINICAL LABORATORY, 331/338, TRICHY MAIN ROAD, DADAGAPATTI, SALEM - 636 006.	Certificate No	: VCPL/CC/2024/05-02
	SRF No	: VCPL/24/05-02
	Date of Receipt	: 04/01/2024
	Date of Calibration	: 04/01/2024
	Due Date of Calibration	: 03/01/2025
	Date of Issue	: 05/01/2024

Details of Device Under Calibration

Description	: Micropipette	Model	: --
Make	: HI PETTE	ID.No	: --
Range	: 100 - 1000 µl	Condition of DUC	: Good
Resolution	: --	Calibrated At	: Lab
Serial Number	: PH555728	Product Code	: --
Instrument Location	: LABORATORY		

Details of Reference Standard

Sl.No.	Description	ID.No/Sr.No	Certificate Number	Validity
1	Weighing Balance	VCPL/MLAB/SMB/01 / 763103	TC/9970/2023	25/03/2024

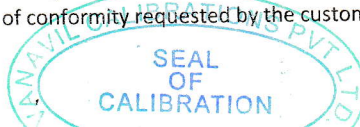
Environmental Condition				Reference Standard	ISO 8655-6:2022
Temperature (°C)	21.6	Atmospheric Pressure (mbar)	983.5	Calibration Procedure	VCPL/SOP/08
Humidity (%RH)	53.2	Water Temperature (°C)	25.65	Calibrated By	M.MUTHUMASANAM

Calibration Results

Results of Calibration in µl										Z Factor : 1.004
Sl.No.	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	1000	1001.24	1002.57	1001.24	1002.34	1003.41	1002.21	2.21	0.76	0.25
		1002.24	1001.24	1002.53	1003.00	1002.24				
2	500	499.24	500.24	500.67	500.36	500.24	500.34	0.34	0.45	
		500.34	500.29	500.38	500.90	500.75				
3	100	100.15	100.25	100.25	100.05	100.12	100.07	0.07	0.16	
		100.12	99.75	99.85	100.05	100.15				

ie:

- 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