



CC-2725

**CERTIFICATE OF CALIBRATION**

Certificate No: CC-22-23-L-387/02

Page No: 1 of 1

Customer Name & Address M/s. VINAYAK DIAGNOSTIC CENTRE No: 7, Jambulingam Street, Nungambakkam, Chennai - 600 034.	ULR No.	CC27252200006262F
	SRF No.	VCI-22-23-L-387
	Date of Receipt	17.08.2022
	Date of Calibration	17.08.2022
	Due Date of Calibration	16.08.2023
	Date of Issue	18.08.2022

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	Merilette
Range	100 - 1000 µl	Model	--
Resolution	5 µl	Material	pvc
Serial Number	328654	Operating Range	100 - 1000 µl
ID Number	--	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	--

Environmental Condition				Calibration Method Used	
Temperature (°C)	23±2	Humidity (%RH)	55±15	National / International Standard	ISO 8655-6:2002, ISO 8655-2:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	VCI-L03-WI-MASS-003

**Standard Used**

Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	VCI-M-WB-017 / 55492	CC-21-22-S-994/01	Wensar / MAB 250	National Standards	14.10.2022

**Result of Calibration in µl**

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.98	99.91	99.89	99.83	99.80	99.87	-0.13	0.07	0.88
		99.95	99.90	99.85	99.81	99.79				
2	500	500.02	500.07	500.11	500.15	500.19	500.12	0.12	0.07	0.88
		500.05	500.09	500.13	500.17	500.23				
3	1000	1000.25	1000.29	1000.35	1000.39	1000.45	1000.36	0.36	0.08	0.88
		1000.27	1000.32	1000.37	1000.42	1000.47				

Note: Conformity Statement

Pass: Fail: **Remarks**

- UUC is Defined as the Unit Under Calibration.
- The Measurement uncertainty is expressed at 95.45% confidence level with coverage factor  $k=2$ .
- This Calibration Certificate relates only to the above UUC & Reported results are valid at the time of and under the stated conditions of measurements.
- Calibration of the UUC are traceable to National / International Standards.
- This report shall not be reproduced in full/ part without prior permission of Venus Calibration and Instruments.
- The recalibration interval shall be determined on the user requirements.
- Nabl-133 guidelines are adopted for use of NABL symbol.
- Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.
- Our Nabl Scope is Upto 10µl to 10ml.

Checked &amp; Issued by:

M. Manju  
M.Manju

(Engineer - Calibration)



Authorised by:

C.Dhinakaran

(Technical / Quality Manager)

No.16, 6th Street, Annai Sathya Nagar, Poothapedu Ramapuram, Chennai - 89.

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