



CC-2725



CERTIFICATE OF CALIBRATION

Certificate No: CC-24-25-L-072/01

Page No: 1 of 1

Customer Name & Address M/s. Micro Health Laboratories Near Kannankandy E-Store, Mananthavady, Wayanad, Kerala - 670 645.	ULR No.	CC272524000001212F
	SRF No.	VCI-24-25-L-072
	Date of Receipt	27.02.2024
	Date of Calibration	27.02.2024
	Due Date for Calibration	26.02.2025
	Date of Issue	28.02.2024

Details of Unit Under Calibration

Description	Micro Pipette	Make	Agappe
Range	20 - 200 µl	Model	Mispa-i
Resolution	0.01 µl	Material	pvc
Serial Number	SW17587	Operating Range	20 - 200 µl
ID Number	MHL/C/07	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	--

Environmental Condition				Calibration Method Used	
Temperature (°C)	24.2	Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1004	Water Temperature (°C)	21.3	Cal Procedure No	VCI-L03-WI-MASS-003

Standard Used

Sl. No.	Description	ID.No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	VCI-M-SMB-067	CC-23-24-S-296/01	Radwag/AS 82/220.R2.PI.US	Venus Calibration CC-2725	27.06.2024

Z Factor: 1.00319

Result of Calibration in µl											
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	20	20.03	20.06	20.08	20.09	20.13	20.08	0.08	0.04	0.20	
		20.05	20.04	20.10	20.11	20.15					
2	100	99.97	99.93	99.88	99.91	99.85	99.90	-0.10	0.05	0.20	
		99.95	99.90	99.90	99.87	99.82					
3	200	199.88	199.80	199.76	199.70	199.72	199.76	-0.24	0.06	1.00	
		199.72	199.78	199.72	199.82	199.73					

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.
- The Deviation is within MPE, So after calibration is not required.

Checked & Issued by:

P.Renuka

(Engineer - Calibration)

*****EN DOF THE CERTIFICATE*****



Authorised by:

C.Dhinakaran

(Technical/Quality Manager)

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

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