



CC-2725

**CERTIFICATE OF CALIBRATION**

Certificate No: CC-2324-L-1497/02

Page No: 1 of 1

Customer Name & Address M/s. Sree Dhanvantri Lab Speciality Centre For Blood Disorders Near Mohanraj Children Hospital, 213/64, 11nd Agraharam, Salem - 636 001.	UIR No.	CC272523000022321P
	SRF No.	VCI-2324-L-1497
	Date of Receipt	08.11.2023
	Date of Calibration	08.11.2023
	Due Date for Calibration	07.11.2024
	Date of Issue	09.11.2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	Dragon Lab
Range	5-50 µl	Model	--
Resolution	0.1 µl	Material	pvc
Serial Number	YE4A236738	Operating Range	10-50 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)	21.4	Cal Procedure No	VCI-L03-WI-MASS-003

Standard Used

Sl. No.	Description	ID.No. / SI. 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.PLUS	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	10	10.16	10.18	10.12	10.16	10.19	10.14	0.14	0.04	0.20	
		10.08	10.12	10.09	10.13	10.17					
2	25	25.18	25.21	25.19	25.26	25.24	25.24	0.24	0.04	0.20	
		25.24	25.29	25.24	25.27	25.31					
3	50	49.91	49.89	49.85	49.88	49.92	49.91	-0.09	0.04	0.20	
		49.95	49.93	49.98	49.93	49.87					

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:

R.B.

R.Bhuvaneshwari

(Engineer - Calibration)



Authorised by:

C.Dhinakaran

(Technical / Quality Manager)

*****END OF THE CERTIFICATE*****

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