



CC-2725



# CERTIFICATE OF CALIBRATION

Certificate No: CC-22-23-L-641/04

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<b>Customer Name &amp; Address</b> M/s. SHREE SANJEVE CLINICAL LABORATORY No: 63/2, Vijay Towers, First Floor, Pattukkottai Road, Aranthangi - 614 616.	<b>ULR No.</b>	CC272522000011089F
	<b>SRF No.</b>	VCI-22-23-L-641
	<b>Date of Receipt</b>	24.12.2022
	<b>Date of Calibration</b>	24.12.2022
	<b>Due Date for Calibration</b>	23.12.2023
	<b>Date of Issue</b>	25.12.2022

### Details of Unit Under Calibration

<b>Description</b>	Micro Pipette	<b>Make</b>	Dragon Lab
<b>Range</b>	10 to 100µl	<b>Model</b>	--
<b>Resolution</b>	1 µl	<b>Material</b>	pvc
<b>Serial Number</b>	YE16BAAQ100797	<b>Operating Range</b>	10-100µl
<b>ID Number</b>	--	<b>Condition of UUC</b>	Good
<b>Cal. At</b>	Mechanical Lab	<b>Instrument Location</b>	--

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

### Standard Used

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	VCI-M-WB-017 / 55492	CC-22-23-S-852/01	Wensar / MAB 250	Venus Calibration CC-2725	12.10.2023

Z Factor: 1.00319

Result of Calibration in µl											
SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	10	9.99	9.97	9.95	9.90	9.87	9.93	-0.07	0.05	0.20	
		9.98	9.96	9.93	9.89	9.86					
2	50	50.01	50.02	50.07	50.09	50.13	50.07	0.07	0.05	0.20	
		50.03	50.05	50.06	50.11	50.15					
3	100	100.17	100.23	100.27	100.32	100.37	100.28	0.28	0.07	0.20	
		100.19	100.25	100.29	100.35	100.39					

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. Bhuvaneshwari*  
R. Bhuvaneshwari

(Engineer - Calibration)



Authorised by:

*C. Dhinakaran*  
C. Dhinakaran

(Technical / Quality Manager)

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

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