



CERTIFICATE NO. :
CC - 2725

9001:2015



CERTIFICATE OF CALIBRATION

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Certificate No : CC-2021-L-315/02	ULR No.	CC272520000003075F
Customer Name & Address M/s. Chennai Diagnostic Centre No. 383 B/147 B, Paper Mills Road, Peravallur, Chennai - 600 082.	SRF No.	VCI-2021-L-315
	Date of Receipt	07.10.2020
	Date of Calibration	07.10.2020
	Due Date for Calibration	06.10.2021
	Date of Issue	08.10.2020

Details of Unit Under Calibration

Description	Micro Pipette	Make	MeriLette
Range	100-1000µl	Model	--
Resolution	1 µl	Material	pvc
Serial Number	MD51736/19	Operating Range	100-1000µl
ID Number	--	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	--

Environmental Condition				Calibration Method Used	
Temperature (°C)	23±2	Humidity (%RH)	40-70	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1004			Cal Procedure No	VCI-L03-WI-MASS-003

Standard Used

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Weighing Balance	VCI-M-WB-017	CC-20-21-S-179/01	Wensar/MAB 250	National Standards	13.05.2021

Result of Calibration in µl

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	100.36	100.19	100.45	100.13	100.25	100.24	0.24	0.11	1.72
		100.12	100.23	100.21	100.32	100.16				
2	500	499.11	499.36	499.53	499.31	498.18	499.12	-0.88	0.43	1.72
		499.27	498.51	499.36	499.12	499.42				
3	1000	997.78	997.82	997.79	997.79	997.93	997.85	-2.15	0.06	1.72
		997.91	997.95	997.84	997.85	997.87				

Remarks

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

Checked & Issued by:

M. Gokila
M.Gokila

(Engineer - Calibration)



Authorised by:

C. Dhinakaran
C.Dhinakaran

(Technical / Quality Manager)

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