



CC-2725



CERTIFICATE OF CALIBRATION

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Certificate No: CC-2324-L-1502/02

Customer Name & Address
M/s. King Micro Lab
Ponnusami Complex, Opp.Autostand,
Chinnathirupathi Bus Stop, Salem - 8.

ULR No.	CC2725230000022351P
SRF No.	VCI-2324-L-1502
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	10 - 100µl	Model	--
Resolution	1 µl	Material	pvc
Serial Number	YE173AB0047247	Operating Range	10 - 100µl
ID Number	--	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	--

Environmental Condition

Temperature (°C)	23±2	Humidity (%RH)	55±15
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.4

Calibration Method Used

National / International Standard	ISO 8655-6:2002, ISO 8655-2:2002
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	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

SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	10.02	10.03	10.08	10.04	10.06	10.05	0.05	0.03	0.20
		10.05	10.07	10.05	10.01	10.09				
2	50	50.15	50.19	50.23	50.27	50.32	50.24	0.24	0.07	0.20
		50.17	50.21	50.25	50.29	50.35				
3	100	100.37	100.42	100.49	100.55	100.59	100.50	0.50	0.09	0.20
		100.39	100.45	100.52	100.57	100.62				

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*****

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

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